

Phase II (Small) MS4 Annual Report Form

TPDES General Permit Number TXR040000

A. General Information

Authorization Number: **TXR040427**

Reporting Year (year will be either 1, 2, 3, 4, or 5): **5**

Annual Reporting Year Option Selected by MS4:

Calendar Year _____

Permit Year _____

Fiscal Year: **X** Last day of fiscal year: (**August 31, 2018**)

Reporting period beginning date: (month/date/year): **September 1, 2017**

Reporting period end date: (month/date/year): **August 31, 2018**

MS4 Operator Level: **2**

Name of MS4: **Texas State University MS4**

Contact Name: **Wendy McCoy** Telephone Number: **(512) 245-3616**

Mailing Address: **601 University Dr. San Marcos, Texas 78666**

E-mail Address: **stormwater@txstate.edu**

A copy of the annual report was submitted to the TCEQ Region YES **X** NO _____

Region the annual report was submitted to, TCEQ Region: **11**

B. Status of Compliance with the MS4 GP and SWMP

1. Provide information on the status of complying with permit conditions: (TXR040000 Part IV Section B.2.):

| | Yes | No | Explain |
|---|----------|----|---------|
| Permittee is currently in compliance with the SWMP as submitted to and approved by the TCEQ. | X | | |
| Permittee is currently in compliance with recordkeeping and reporting requirements. | X | | |
| Permittee meets the eligibility requirements of the permit (e.g., TMDL requirements, Edwards Aquifer limitations, compliance history, etc.) | X | | |

2. Provide a general assessment of the appropriateness of the selected BMPs. See Table 1.

| Table 1 | | |
|---|---|--|
| MCM(s) | BMP | BMP is appropriate for reducing the discharge of pollutants in stormwater (Answer yes or no, and explain). |
| 1. Public Education, Outreach and Involvement | Comprehensive Stormwater Education and Outreach Program | Yes, utilized previously identified methods of education and outreach for stormwater education as an indirect method of reducing discharge of pollutants by educating the University's target audience on methods stormwater can become polluted. Implemented methods throughout the year. |
| | Storm Water Quality Education Materials | Yes, educational materials and methods were developed throughout the year using "What Goes Here Flows Here" logo (developed in Year 2). Materials were provided at local education and outreach events to promote stormwater awareness and use of media was continued to reach a broader audience. |

Table 1

| MCM(s) | BMP | BMP is appropriate for reducing the discharge of pollutants in stormwater (Answer yes or no, and explain). |
|---|---|---|
| 1. Public Education, Outreach and Involvement | Education/Training for Construction Personnel | Yes, annual stormwater construction training was continued for University construction personnel. Subsequent training opportunities were encouraged throughout the year for those with Certified Inspector of Erosion and Sediment Control (CISEC) Certifications. Orientation trainings were also provided to contractors and subcontractors for new capital projects. The trainings provided construction personnel with an understanding of effective erosion and sediment control methods and good best management practices to employ on construction sites. |
| | Awareness Outreach for Employees and Students | Yes, education and outreach messages using the What Goes Here Flows Here” logo was continued in Year 5 and helped to increase awareness of stormwater pollution for students, staff and faculty and the different ways pollutants can reach the waterways. |
| | Web Page and Community Hotlines | Yes, the illicit discharge hotline (512-245-IDDE) serves as a way to educate students, staff, and faculty on recognizing and reporting unauthorized discharges. The hotline increases awareness of illicit discharges and illegal dumping activities on campus. The webpage helps to educate the public on basic stormwater awareness, education and outreach events, public involvement opportunities for event focused around reducing pollutants in stormwater runoff, and MS4 documentation and reporting. |
| | Storm Drain Stenciling or Marker Program | Yes, information illustrating the purpose of curb inlet marker installation was posted through our social media platforms and our website. Volunteers who installed the markers were also educated on the purpose of curb inlet markers, as well as awareness of stormwater pollution and that all storm drains flow into our creeks and rivers untreated. |

Table 1

| MCM(s) | BMP | BMP is appropriate for reducing the discharge of pollutants in stormwater (yes or no). Explain. |
|---|---|---|
| 1. Public Education, Outreach and Involvement | Community Events | Yes, boosting participation at events focused on reducing non-point source pollution in waterways, as well as educating event participants about the importance of keeping stormwater clean, ultimately helps decrease pollutants in stormwater. |
| 2. Illicit Discharge, Detection and Elimination | Develop UPPS for Illicit Discharge Prohibition and Construction and Post Construction Enforcement | Yes, Campus Stormwater Management University Policy and Procedures (UPPS) 04.05.16 was developed during Years 1 and 2 and finalized in Year 3. This UPPS prohibits illicit discharges to the MS4, soil, or waters of the state. Companies with contracts through the university are also required to comply with UPPS 04.05.16. |
| | Storm Sewer Mapping | Yes, the storm sewer system consisting of 15 miles of piping and over 500 curb and area inlets was reviewed in year 5, but did not require updating. |
| | Develop the Illicit Discharge Detection and Elimination (IDDE) Program for Storm Sewer | Yes, development and implementation of the IDDE program has increased awareness of storm drain systems, illicit discharges, and outfall monitoring for dry weather flow. |
| | Training on IDDE and Outfall Monitoring | Yes, field personnel trained in outfall monitoring procedures as well as IDDE identification and response procedures are better prepared to identify and isolate potential illicit discharges. |

Table 1

| MCM(s) | BMP | BMP is appropriate for reducing the discharge of pollutants in stormwater (yes or no). Explain. |
|---|--|--|
| 2. Illicit Discharge, Detection and Elimination | IDDE Hotline Number and Follow-Up Procedures | Yes, the goal of the IDDE hotline number is to improve public awareness of illicit discharges and increase the frequency of reports for potential releases. The hotline elicits a response from university departments and allows for corrective action to stop or prevent the release of pollutants to local waterways. |
| | Hazardous Waste and Recycle Material Collection Programs | Yes, routine collection of hazardous waste in Year 5 resulted in the safe transfer and storage of expired chemicals to the RCRA Hazardous Waste Storage Unit, as opposed to outside storage, landfill disposal, or abandonment. Oil, plastics, paper and glass were also successfully kept out of the storm sewer system by routine collection and proper management and disposal. These activities indirectly contributed to a lower discharge of pollutants in stormwater. |
| 3. Construction Site Stormwater Runoff Control | Prepare a University Policy and Procedures Statement (UPPS) for Construction Site Runoff and Illicit Discharge Control | Yes, Campus Stormwater Management University Policy and Procedures (UPPS) 04.05.16 was developed during Years 1 and 2 and finalized in Year 3. This UPPS outlines the university's responsibility for enforcing permits (TXR150000) on university property. Contractors are required to comply with TXR150000 and this UPPS outlines noncompliance procedures for permit violations. Ultimately, this policy will indirectly improve the quality of stormwater runoff. |
| | Monitor Compliance with Stormwater Requirements for New Construction and Redevelopment | Yes, the review of construction contracts for compliance with the TXR150000 and the Campus Stormwater Management UPPS resulted in awareness of stormwater protection measure already in place and procedures to include in the Construction/Post Construction Plan for MS4 Compliance in Year 5. |
| | Site Plan Review Program | Yes, review of site plans on all construction projects with outside soil disturbance resulted in the recommendation of temporary BMPs appropriate for erosion and sediment control. Installation of appropriate BMPs ultimately helps limit/reduce the amount of pollutants in stormwater runoff from construction sites. |

Table 1

| MCM(s) | BMP | BMP is appropriate for reducing the discharge of pollutants in stormwater (yes or no). Explain. |
|---|---|---|
| 3. Construction Site Stormwater Runoff Control | Construction Site Inspection Program | Yes, routine inspections between Texas State departments and the General Contractor resulted in proper maintenance and/or replacement of BMPs and ultimately helped improve the quality of stormwater runoff from active construction sites. |
| 4. Post-construction Stormwater Management in New Development and Redevelopment | Prepare UPPS for Post-Construction Runoff | Yes, Campus Stormwater Management University Policy and Procedures (UPPS) 04.05.16 was developed during Years 1 and 2 and finalized in Year 3. This UPPS requires the routine maintenance and inspections of post-construction BMPs to ensure effective performance. |
| | Program for Runoff from New Development and Redevelopment | Yes, procedures in the Construction and Post Construction Plan for MS4 Compliance addresses selection of post construction BMPs for water quality. |
| | Inventory of Structural BMPs | Yes, creating and maintaining an inventory of BMPs on campus, developing a maintenance manual with a recommended maintenance schedule, and developing fact sheets about how to maintain the BMPs to improve effectiveness will improve the performance of the BMP and effluent water quality. |
| | Review Design Packages for Post-Construction BMPs | Yes, post-construction BMPs help detain stormwater runoff and improve water quality of stormwater discharges from completed new development projects. |

Table 1

| MCM(s) | BMP | BMP is appropriate for reducing the discharge of pollutants in stormwater (yes or no). Explain. |
|---|--|---|
| 4. Post-construction Stormwater Management in New Development and Redevelopment | Operation and Maintenance of Structural BMPs | Yes, maintenance of BMPs improve performance of BMPs, overall functionality of the unit, and effluent water quality. |
| | BMP Inspection Program | Yes, inspection of BMPs helps to identify maintenance needs and allows for a check and balance system, ensuring they are operating as intended and resulting in improved water quality. |
| | Characterize BMP Wastes for Disposal | Yes, proper characterization of wastes for off-site disposal indirectly resulted in cleaner water quality. |
| 5. Pollution Prevention/Good Housekeeping for Municipal Operations | Prepare an Operation and Maintenance Program | Yes, continuing to update the Operation and Maintenance Program for Good Housekeeping/Pollution Prevention helps identify pollutant sources at municipal-type facilities, which allows departments to develop appropriate BMPs for municipal-type operations. This practice ultimately results in the decrease of polluted stormwater runoff from these facilities on campus. |
| | Fleet and Equipment Maintenance | Yes, training on Spill Prevention Control and Countermeasures (SPCC) helped educate employees on proper storage, transport, and disposal of oil, as well as proper notification and clean-up procedures. Maintenance of the grit trap and oil/water separator eliminated overflow of these wastes to navigable waters and runoff pathways. |

Table 1

| MCM(s) | BMP | BMP is appropriate for reducing the discharge of pollutants in stormwater (yes or no). Explain. |
|--|---|---|
| 5. Pollution Prevention/Good Housekeeping for Municipal Operations | Golf Course, Intramural Fields and Grounds Operations | Yes, preparation of the Campus Standard for Turf Management increased awareness of pollutant sources from fertilizers and pesticides and instilled practices to reduce those pollutants from entering the San Marcos River. Receiving product inventory and performing inspections on inventory storage areas helps to monitor the products in use and identify expired or empty containers that require proper disposal. |
| | Inventory of Municipal-Type Operations | Yes, performing inspections on municipal-type operations throughout campus helps to identify good practices currently in place as well as practices that need improvement. This ultimately helps to decrease the potential number pollutants released into the storm sewer system as a result of day-to-day operations. |
| | Employee Training Program | Yes, trained applicators use industry standards when applying and/or limiting chemical applications and this reduces the amount of pesticide/herbicide/fertilizer runoff from the campus fields and Golf Course. |
| | Contractor Oversight | Monitoring contractor activities to ensure the Campus Stormwater Management UPPS is enforced helps to decrease the potential number pollutants released into the storm sewer system as a result of contractor operations. |

- Describe progress towards reducing the discharge of pollutants to the maximum extent practicable. Summarize any information used (such as monitoring data) to evaluate reductions in the discharge of pollutants. Use a table or attach a narrative description as appropriate:

See Attachment A and information in Table 2 below.

- Provide the measurable goals for each of the MCMs, and an evaluation of the success of the implementation of the measurable goals:

| Table 2 | | |
|---|--|--|
| MCM(s) | Measurable Goal(s) | Success |
| 1. Public Education, Outreach and Involvement | Implement program and update as needed. | Met goal. Continued to implement components in Year 5. Will update when MS4 permit is renewed in 2019. |
| | Distribute educational materials such as brochures, fliers, door hangers, magnets at university and city sponsored events. | Met goal. Distributed 1,980 educational handouts and promotional items. Attachment A Table 1 lists Public Education efforts and examples. |
| | Post or broadcast digital promotional materials onto free media outputs such as Texas State Radio, Texas State and City cable stations, social media and various websites and list serves as appropriate. | Met goal. Continued promotion of stormwater awareness materials through Facebook page, Texas State Cable TV, campus-wide emails, and website postings. See Attachment A for examples. |
| | Provide training for Texas State construction staff (FPDC) such as “lunch and learns,” vendor demonstration, links to webinars or podcasts, classroom training or online training. Update training annually. | Met goal. Trained 21 Texas State construction department staff members. |

Table 2

| MCM(s) | Measurable Goal(s) | Succe |
|---|--|---|
| 1. Public Education, Outreach and Involvement | <p>Provide orientation training to contractor and subcontractor superintendents on basic SWPPP inspection expectations and site controls upon initial startup at jobsite.</p> | <p>Met Goal.</p> <p>1,212 contractors/subcontractors were trained in Year 5 on basic SWPPP expectations for construction site stormwater management.</p> <p>Attachment A Table 3 lists all staff and contractor training records.</p> |
| | <p>Provide basic stormwater pollution prevention awareness input into new employee and new student orientation.</p> | <p>Met Goal.</p> <p>Provided stormwater awareness training to new employees (793) in Year 5.</p> <p>Provided stormwater awareness to new students (5,086) as part of University Seminar class required for incoming freshmen.</p> <p>Attachment A Table 1 and Table 3 lists all training and outreach records.</p> |
| | <p>Include pollution prevention and MS4 permit awareness messages in regularly published media such as newsletters, campus wide e-mails, web postings and electronic marquees.</p> | <p>Met goal.</p> <p>Distributed stormwater educational messages via campus-wide emails, newsletters, and social media postings various times throughout Year 5. Reached approximately 211,403 people with education and outreach messages.</p> <p>Attachment A Table 1 lists all Public Education and Outreach efforts and examples.</p> |

Table 2

| MCM(s) | Measurable Goal(s) | Success |
|---|--|--|
| 1. Public Education, Outreach and Involvement | Implement pet waste awareness campaign, including information on concerns associated with the release of aquarium pets to local aquatic resources, for University-owned or managed apartments. | <p>Met goal.</p> <p>Provided education and outreach for on-campus residence halls regarding proper disposal of aquatic animals. Provided information to the public on proper pet waste disposal.</p> <p>Attachment A Table 1 lists all Public Education and Outreach efforts.</p> |
| | Enhance the University webpage to include stormwater educational materials, contact information and other appropriate materials. | <p>Met goal.</p> <p>Continued to add stormwater awareness information to the webpage www.txstate.edu/stormwater.</p> <p>See Attachment A for examples.</p> |
| | Expand the websites to include hotline numbers, Annual Reports, and event dates and schedules. | <p>Met goal.</p> <p>The Texas State Stormwater Website provides information about volunteer opportunities, links to the SWMP and Annual Reports, and a link to report illicit discharges online or through a hotline number.</p> |
| | Incorporate new design on new and replacement storm drain covers. | <p>Met goal.</p> <p>New manhole covers are in the process of being included on storm sewer manholes in current construction projects. Number of manhole covers with new design will be reported when construction is finalized.</p> |

Table 2

| MCM(s) | Measurable Goal(s) | Success |
|---|---|---|
| 1. Public Education, Outreach and Involvement | Install inlet markers on at least 10 curb inlets annually. | <p>Exceeded goal.</p> <p>Installed 40 inlet markers on area drains and curb inlets on campus. See Attachment A for data and photos.</p> <p>Attachment A Table 2 lists all Public Participation activities.</p> |
| | Participate in at least one San Marcos River cleanup each year. | <p>Met goal.</p> <p>March 3, 2018 – 1000+ volunteers cleaned 10 watershed areas in 3 hours. Picked up 31,377 lbs of trash and 10,480 lbs of recyclable materials, and 31 passenger tires. See Attachment A for data and photos.</p> <p>Attachment A Table 2 lists all Public Participation activities.</p> |
| | Work with Bobcat Build volunteers once a year on stormwater cleanup, maintenance or other related projects. | <p>Met goal.</p> <p>April 7, 2018 – Used curb inlet marker installation and litter pickup for Bobcat Build project. See Attachment A for data and photos.</p> <p>Attachment A Table 2 lists all Public Participation activities.</p> |
| | Continue with Texas State volunteer groups for Keep San Marcos Beautiful (KSMB) "Adopt-a-Spot" projects. | <p>Met goal.</p> <p>In Year 5, eight Texas State organizations participated in a total of 36 Keep San Marcos Beautiful Adopt-a-Spot clean-ups and 10 Hot Spot clean-up events. Overall, a combined 606 volunteers spent approximately 1,135 hours picking up 210 bags of trash and 113 bags of recyclables.</p> <p>Attachment A Table 2 lists all Public Participation activities.</p> |

Table 2

| MCM(s) | Measurable Goal(s) | Success |
|---|--|--|
| 2. Illicit Discharge Detection and Elimination (IDDE) | Finalize and include in employee training for shops, the garage, FPDC, Utilities Operations DHRL, Auxiliary Services and Grounds Operations. | Met Goal. |
| | Include policy in subcontracts as applicable. | Met Goal |
| | Continue to update the MS4 map showing new outfalls and modified or new storm sewer lines and inlets. | Met goal. MS4 Outfall Map was not updated in Year 5 because there were not any finalized new development projects within MS4 boundaries. Updates will be made in subsequent years when current construction projects are finalized. |
| | Annually review project closeout documents received by contractors to ensure they provide GIS compatible as-built's of the storm and sanitary sewer systems. | Met goal. "As-Built's" were not provided to GIS Technician because there were no any finalized new development projects within MS4 boundaries. Updates will be made in subsequent years when current construction projects are finalized. |

Table 2

| MCM(s) | Measurable Goal(s) | Success |
|---|--|---|
| 2. Illicit Discharge Detection and Elimination (IDDE) | Continue inspection of grease traps and lift stations and replace broken manhole covers with Texas State salamander covers. | <p>Exceeded goal.</p> <p>65 grease trap inspections, 2 pumped out, and 1 repaired. 23 lift station inspections and 8 lift station repairs. 18 sanitary sewer manhole covers were inspected, 0 were replaced.</p> <p>9 compactors were inspected daily over 49 weeks, totaling 2,205 inspections. Staff responded to and resolved 7 incidents during Year 5.</p> |
| | Finalize plan and implement. | Met Goal. |
| | Implement training with workshops for the Shops, Grounds Operations, Garage, Auxiliary Services, DHRL, FPDC, and Utility Operations followed by annual refresher training. | <p>Met Goal.</p> <p>226 employees completed Illicit Discharge, Detection and Elimination annual training using SAP software system.</p> <p>See Table 3 in Attachment A.</p> |
| | Implement the program and document the types of complaints and corrective actions taken for the annual report. | <p>Met Goal.</p> <p>Sixteen (16) spills/illicit discharges were reported and resolved in Year 5.</p> <p>Attachment A Table 9 lists all IDDE responses.</p> |
| | Continue to provide weekly waste pickups on campus to shops and labs. | <p>Met goal.</p> <p>48 weekly pickups of hazardous and industrial waste during Year 5.</p> |

Table 2

| MCM(s) | Measurable Goal(s) | Success |
|---|--|--|
| 2. Illicit Discharge Detection and Elimination (IDDE) | Continue to offer monthly battery pickup and annual electronic waste recycling. | <p>Met goal.</p> <p>Monthly pickups of alkaline and rechargeable batteries continued during in Year 5.</p> |
| | Continue to collect recyclable materials from all academic buildings, shops and dorms on a scheduled basis. | <p>Met goal.</p> <p>Continued oil recycling (one pickup) as needed, as well as daily, weekly, bi-weekly, monthly, and as needed pickups of recyclable materials (cardboard, paper, and mixed stream) over 49 weeks in Year 5.</p> |
| | Continue to record the volume of hazardous waste and recyclable materials picked up and report to management annually. | <p>Met goal.</p> <p>Picked up a total of 28.83 tons of hazardous and industrial waste in 48 pickups.</p> <p>Recycled a total of over 380 tons of recyclable materials (cardboard, plastics, and mixed stream) through weekly pickups and self-serve drop off.</p> <p>Recycled 300 gallons of recycled oil.</p> <p>Recycled a total of 4232 pounds of alkaline, lead acid, and rechargeable batteries in Year 5.</p> <p>See Table 4 in Attachment A.</p> |
| 3. Construction Site Stormwater Runoff Control | Finalize and include in employee training for FPDC and contractor training. | <p>Met Goal.</p> <p>Incorporated UPPS information into contractor training in Year 4, continued stormwater training for construction contractors in Year 5.</p> |

Table 2

| MCM(s) | Measurable Goal(s) | Success |
|--|--|--|
| 3. Construction Site Stormwater Runoff Control | Continue to monitor compliance with stormwater program for new construction and redevelopment. | Met Goal. |
| | Circulate for review, finalize and implement. | Met Goal. Program implemented, will update as necessary. |
| | Continue with the process of reviewing erosion control plans, SWPPP drawings and post construction BMP selection on site plans for new construction and redevelopment. | Exceeded goal. Reviewed 100% of erosion control plans, SWPPP drawings and post construction BMP selection, for projects one acre or larger in size. See Table 5 in Attachment A for data. |
| | Review site plans in terms of protection of water quality impact, including BMP selection and design with emphasis on low impact development. | Not applicable. In Year 5, EHSRM did not receive plans for large construction projects that would require permanent BMP selection. These considerations will continue to be made in subsequent years. |

Table 2

| MCM(s) | Measurable Goal(s) | Success |
|--|--|--|
| 3. Construction Site Stormwater Runoff Control | Continue with existing program of weekly SWPPP site inspections and reporting for 1 acre and larger sites. | Met goal. Performed 109 SWPPP site inspections in Year 5. See Table 6 in Attachment A. |
| | Continue attending conferences and training to increase skills and knowledge for construction inspectors. | Met goal. Workshops attended – 5 Total professional development hours – 194 Total number of attendees – 49 See Table 7 in Attachment A. |
| | Resolve all noncompliance issues or pursue enforcement actions per the UPPS. | Met goal. One incident of noncompliance occurred and was resolved in Year 5. |
| 4. Post-Construction Stormwater Management in | Finalize UPPS. | Met Goal. |
| | Continue compiling information on the location and kinds of structural BMPs on campus. | Met goal. |
| | Update the table and map as new BMPs are added or discovered. | Met goal. No changes made in Year 5. |

Table 2

| MCM(s) | Measurable Goal(s) | Success |
|---|--|---|
| 4. Post-Construction Stormwater Management in New Development and Redevelopment | Continue with plan review and project acceptance procedures. | Met goal. |
| | Require contractors to submit operation and maintenance plans for structural BMPs. | Met goal. |
| | Perform O&M on structural BMPs according to the maintenance schedule. | Met goal. 342,110 pounds of material was removed during BMP maintenance in Year 5. See Table 8 in Attachment A. |
| | Develop BMP fact sheets and use to train applicable employees to perform inspections. Document training. | Met Goal. Employees received initial training using fact sheets in Year 4, then received additional training in Year 5 on BMP functionality and maintenance at the Inaugural Texas Regional Stormwater Conference in January 2018. See Table 7 in Attachment A. |
| | Perform compliance inspections annually or more frequently to determine if maintenance is required. | Met goal. EHSRM performed annual inspections (24) on permanent BMPs in Year 5. Additionally, Utilities Operations performed spot check inspections on permanent BMPs throughout the year. Maintenance activities were initiated based on inspection findings and O&M recommendations. The BMP inventory spreadsheet will be updated to identify BMPs which are no longer effective or are currently out of order. |

Table 2

| MCM(s) | Measurable Goal(s) | Success |
|---|--|---|
| 4. Post-Construction Stormwater Management in New Development and Redevelopment | Collect samples of wastes from campus BMPs as maintenance for each unit is pending. | Met goal. Sludge from Contech and Stormtrooper units were sampled and characterized as Class 2 Industrial Waste for Summer 2018 cleanouts. |
| | Document sampling results and volumes of waste removed annually. | Met goal. Sampling data kept in the Waste Analysis Plan. See Table 8 in Attachment A for annual volumes of wastes disposed from BMP maintenance. |
| 5. Pollution Prevention/Good Housekeeping for Municipal Operations | Continue SPCC training program for all personnel working with oil and petroleum products. | Met Goal. 179 employees completed Spill Prevention, Control and Countermeasures annual training using SAP software system. See Table 3 in Attachment A . |
| | Continue with grit trap and oil/water separator cleanout annually at the Facilities garage. Obtain or renew contract for these services. | Met goal. Grit trap and oil/water separator waste: 21,960 lbs. Grease trap waste: 19,050 gallons See Table 4 and Table 8 in Attachment A . |
| | Inventory all product storage areas and update annually. | Met Goal. Existing product inventories were updated by Campus Recreation, Grounds and Waste Management, and Athletics in Year 5. |

Table 2

| MCM(s) | Measurable Goal(s) | Success |
|--|---|--|
| 5. Pollution Prevention/Good Housekeeping for Municipal Operations | Perform semiannual inspections of areas identified in the inventory. | Met Goal. Inspections performed concurrently with Good Housekeeping/Pollution Prevention inspections. |
| | Continue with licensed applicator required training and records retention. Maintain records electronically. | Nine (9) employees were recertified in licensed pesticide applicator training during Year 5. See Table 7 in Attachment A . |
| | Perform semiannual inspections of areas identified in the inventory. | Met Goal. Performed bi-annual inspections of 45 facilities during Year 5, for a total of 89 inspections. |
| | Provide initial training and then annually for new employees. | Met Goal. In Year 5, 247 employees trained in annual Good Housekeeping/Pollution Prevention Training through online SAP Portal. |
| | Spot check contractors to ensure that BMPs are being followed. | Met Goal. Responded to and resolved two (2) contractor landscaping issues. |

C. Stormwater Monitoring Data (Part IV Section B.2.(b))

1. Provide a summary of all information used including any lab results (if sampling was conducted) to assess the success of the SWMP at reducing the discharge of pollutants to the MEP. For example, did the MS4 conduct visual inspections, clean the inlets, look for illicit discharge, clean streets, look for flow during dry weather, etc.? (Refer to the MS4 General Permit TXR040000 Part IV Section B.2.(b))

Sampling not required for Level 2 MS4s. No TMDL for TDS impairment on Segment 1814 Upper San Marcos River. Ongoing monitoring activities conducted are as follows:

- Weekly SWPPP inspections for three (3) active construction sites during Year 5, totaling 109 inspections. SWPPP inspections were conducted to ensure compliance with Construction General Permit TXR150000 by minimizing pollutants from construction activity from entering the MS4. For more information, see Table 6 in **Attachment A: Narrative Provision of the Annual Report**.
- Inspections were conducted (62) For MS4 outfalls and maintenance needs. No evidence of illicit discharge was detected.
- Annual inspections (24) on permanent BMPs were performed during Year 5 to determine functionality and maintenance needs. Additionally, spot check inspections on permanent BMPs were performed throughout the year. Maintenance activities were initiated based on inspection findings and O&M recommendations. Some BMPs are currently not in working order and could not be inspected at this time. The effectiveness of these BMPs will be addressed and actions will be taken to improve their functionality. Before the next permit cycle, the BMP inventory spreadsheet will be updated to identify BMPs which are no longer effective or are currently out of order. Approximately 342,110 pounds of material was removed from the post-construction BMPs throughout Year 5. For more information, see Table 8 in **Attachment A: Narrative Provision of the Annual Report**.
- Sixteen (16) incidents of illicit discharges were reported during Year 5. Each incident was responded to and resolved the same day or as soon as possible, removing or preventing harmful pollutants from entering the storm sewer system. For more information, see Table 9 in **Attachment A: Narrative Provision of the Annual Report**.
- Utilities Operations performed maintenance on campus storm drains, removing over 14,194 pounds of material from the MS4.

D. Impaired Waterbodies (Part IV Section B.2.(c))

1. If applicable, explain below or attach a summary of any activities taken to address the discharge to impaired waterbodies, including any sampling results and a summary of the small MS4's BMPs used to address the pollutant of concern (Refer to MS4 General Permit TXR040000 Part IV Section B.2.(c)):

The 2016 Draft Texas Integrated Report – Texas 303(d) List no longer lists the Upper San Marcos River, segment 1814, as impaired. It was previously listed for Total Dissolved Solids (TDS) concentrations, but has since been removed from the list.

2. Describe the implementation of targeted controls if the small MS4 discharges to an impaired water body with an approved TMDL (*Refer to the MS4 General Permit TXR040000; Part II Section D.4.(a)*):

Not Applicable

3. Report the benchmark identified by the MS4 and assessment activities (*Refer to the MS4 General Permit TXR040000; Part II Section D.4.(a)(6)*):

Not Applicable

4. Provide an analysis of how the selected BMPs will be effective in contributing to achieving the benchmark (*Refer to the MS4 General Permit TXR040000; Part II Section D.4.(a)(4)*):

Not Applicable

5. If applicable, report on focused BMPs to address impairment for bacteria (*Refer to the MS4 General Permit TXR040000; Part II Section D.4.(a)(5)*):

Not Applicable

6. Assess the progress to determine BMP's effectiveness in achieving the benchmark (*Refer to the MS4 General Permit TXR040000; Part II.D.4.(a)(6)*):

Not Applicable

E. Stormwater Activities (Part IV Section B.2.(d))

Describe any stormwater activities the MS4 operator has planned for the next reporting year. Use the table or attach a summary, as appropriate:

Information below will likely vary with the upcoming permit MS4 Permit update in 2019.

Table 3

| MCM(s) | BMP | Stormwater Activity | Description/Comments |
|---|---|---|--------------------------------|
| 1. Public Education, Outreach and Involvement | Comprehensive Stormwater Education and Outreach Program | Implement program and update as needed. | Continuation from Years 2 –5. |
| | Stormwater Quality Education Materials | Distribute educational materials such as brochures, fliers, door hangers, magnets at university and city sponsored environmental events or other appropriate activities. | Continuation from Years 2 –5. |
| | | Post or broadcast digital promotional materials onto free media outputs such as Texas State radio, Texas State and City cable stations, social media and various websites and list serves as appropriate. | Continuation from Years 3 – 5. |
| | Education/Training for Construction Personnel | Provide training for Texas State construction staff (FPDC) such as “lunch and learns”, vendor demonstrations, and links to webinars or podcasts, classroom training or online training. Update training annually. | Continuation from Years 3 – 5. |

Table 3

| MCM(s) | BMP | Stormwater Activity | Description/Comments |
|---|---|--|--------------------------------|
| 1. Public Education, Outreach and Involvement | Education/Training for Construction Personnel | Provide orientation training to contractor and subcontractor superintendents on basic SWPPP inspection expectations and site control upon initial site startup at a jobsite. | Continuation from Years 4-5. |
| | Awareness Outreach for Employees and Students | Include pollution prevention and MS4 permit awareness messages in regularly published media such as newsletters, campus wide e-mails, web postings and electronic marquees. | Continuation from Years 2 – 5. |
| | | Implement pet waste awareness campaign, including information on concerns associated with the release of aquarium pets to local aquatic resources, for University-owned or managed apartments. | Continuation from Years 3 – 5. |
| | Web Page and Community Hotlines | Expand the website to include hotline numbers, Annual Reports, and event dates and schedules. | Continuation from Years 2 – 5. |
| | Storm Drain Stenciling or Marker Program | Incorporate new design on new and replacement storm drain covers. | Continuation from Years 2 – 5. |
| | | Install inlet markers on at least 10 curb inlets annually. | Continuation from Years 2 – 5. |
| | Community Events | Participate in at least one San Marcos River cleanup each year. | Continuation from Years 1 – 5. |

Table 3

| MCM(s) | BMP | Stormwater Activity | Description/Comments |
|---|---|--|--------------------------------|
| 1. Public Education, Outreach and Involvement | Community Events | Work with Bobcat Build volunteers on stormwater cleanup, maintenance or other related projects. | Continuation from Years 1 – 5. |
| | | Continue with Texas State volunteer groups for Keep San Marcos Beautiful (KSMB) "Adopt-a-Spot" projects. | Continuation from Years 1 – 5. |
| 2. Illicit Discharge, Detection and Elimination | Develop UPPS for Illicit Discharge Prohibition and Construction and Post Construction Enforcement | Finalize and include in employee training for shops, the garage, FPDC, Utilities Operations DHRL, Auxiliary Services and Grounds Operations. | Continuation from Years 2 – 5. |
| | | Include policy in subcontracts as applicable | Continuation from Years 2 – 5. |
| | Storm Sewer Mapping | Continue to update the MS4 map showing new outfalls and modified or new storm sewer lines and inlets. | Continuation from Years 1 – 5. |
| | | Annually review project closeout documents received by contractors to ensure they provide GIS compatible as-built's of the storm and sanitary sewer systems. | Continuation from Years 2 – 5. |
| Develop the Illicit Discharge, Detection Elimination (IDDE) Program for Storm Sewer | Continue inspection of grease traps and lift stations and replace broken manhole covers with Texas State salamander covers. | Continuation from Years 1 – 5. | |

Table 3

| MCM(s) | BMP | Stormwater Activity | Description/Comments |
|---|---|--|--------------------------------|
| 2. Illicit Discharge, Detection and Elimination | Develop the Illicit Discharge, Detection Elimination (IDDE) Program for Storm Sewer | Finalize plan and implement. | Continuation from Years 3 – 5. |
| | Training on IDDE and Outfall Monitoring | Implement training with workshops for the Shops, Grounds Operations, Garage, Auxiliary Services, DHRL, FPDC, and Utility Operations followed by annual refresher training. | Continuation from Years 3 – 5. |
| | IDDE Hotline Number and Follow-Up Procedures | Implement the program and document the types of complains and corrective actions taken for the annual report. | Continuation from Years 3 – 5. |
| | Hazardous Waste and Recycle Material Collection Programs | Continue to provide weekly waste pickups on campus to shops and labs. | Continuation from Years 1 – 5. |
| | | Continue to offer monthly battery pickup and annual electronic waste recycling. | Continuation from Years 1 – 5. |
| | Hazardous Waste and Recycle Material Collection Programs | Continue to collect recycle materials from all academic buildings, shops and dorms on a scheduled basis. | Continuation from Years 1 – 5. |
| | | Continue to record the volume of waste and recyclable materials picked up and report to management annually. | Continuation from Years 1 – 5. |

Table 3

| MCM(s) | BMP | Stormwater Activity | Description/Comments |
|--|--|--|--------------------------------|
| 3. Construction Site Stormwater Runoff Control | Prepare a University Policy and Procedures Statement (UPPS) for Construction Site Runoff and Illicit Discharge Control | Finalize and include in employee training for FPDC and contractor training. | Continuation from Years 3 – 5. |
| | Prepare a University Policy and Procedures Statement (UPPS) for Construction Site Runoff and Illicit Discharge Control | Update construction standards to comply with MS4 Permit. | Continuation from Year 5. |
| | Monitor Compliance with Stormwater Requirements for New Construction and Redevelopment | Continue to monitor compliance with stormwater program for new construction and redevelopment. | Continuation from Years 1 – 5. |
| | Monitor Compliance with Stormwater Requirements for New Construction and Redevelopment | Circulate for review, finalize and implement. | Continuation from Years 2 – 5. |
| | Site Plan Review Program | Continue with the process of reviewing erosion control plans, SWPPP drawings and post construction BMP selection on site plans for new construction and redevelopment. | Continuation from Years 1 – 5. |
| | Site Plan Review Program | Review site plans in terms of protection of water quality impact, including BMP selection and design with emphasis on low impact development. | Continuation from Years 3 – 5. |
| | Construction Site Inspection Program | Continue with existing program of routine SWPPP site inspections and reporting for one acre and larger sites. | Continuation from Years 1 – 5. |

Table 3

| MCM(s) | BMP | Stormwater Activity | Description/Comments |
|---|---|--|--------------------------------|
| 3. Construction Site Stormwater Runoff Control | Construction Site Inspection Program | Continue attending conferences and training to increase skills and knowledge of construction inspectors. | Continuation from Years 1 – 5. |
| | | Resolve all noncompliance issues or pursue enforcement actions per the UPPS. | Continuation from Years 2 – 5. |
| 4. Post - Construction Stormwater Management in New Development and Redevelopment | Prepare UPPS for Post Construction Runoff Control | Finalize UPPS. | Continuation from Years 2 – 5. |
| | Inventory of Structural BMPs | Update the table and map as new BMPs are added or discovered. | Continuation from Years 2 – 5. |
| | Review Design Packages for Post Construction BMPs | Continue with plan review and project acceptance procedures using checklist. | Continuation from Years 2 – 5. |
| | Operation and Maintenance of Structural BMPs | Require contractors to submit operation and maintenance plans for structural BMPs. | Continuation from Years 2 – 5. |
| | | Perform O&M on structural BMPs according to the maintenance schedule. | Continuation from Years 2 – 5. |
| | BMP Inspection Program | Develop BMP fact sheets and use to train applicable employees to perform inspections. Document training. | Continuation from Years 3 – 5. |

Table 3

| MCM(s) | BMP | Stormwater Activity | Description/Comments |
|---|---|--|--------------------------------|
| 4. Post - Construction Stormwater Management in New Development and Redevelopment | BMP Inspection Program | Perform compliance inspections annually or more frequently to determine if maintenance is required. | Continuation from Years 2 – 5. |
| | Characterize BMP Wastes for Disposal | Collect samples of wastes from campus BMPs as maintenance for each unit is pending. | Continuation from Years 2 – 5. |
| | | Document sampling results and volumes of waste removed annually. | Continuation from Years 2 – 5. |
| 5. Pollution Prevention/ Good Housekeeping for Municipal Operations | Prepare an Operation and Maintenance Program | Finalize the program (implement). | Continuation from Years 1 – 5. |
| | Fleet and Equipment Maintenance | Continue SPCC training program for all personnel working with oil and other petroleum products. | Continuation from Years 1 – 5. |
| | | Continue with grit trap and oil/water separator cleanout annually at the Facilities garage. Obtain or renew contractor for these services. | Continuation from Years 1 – 5. |
| | Golf Course, Intramural Fields and Grounds Operations | Perform semiannual inspections of areas identified in the inventory. | Continuation from Years 4 – 5. |
| | | Continue with licensed applicator required training and records retention. | Continuation from Years 1 – 5. |

| Table 3 | | | |
|---|--|--|--------------------------------|
| MCM(s) | BMP | Stormwater Activity | Description/Comments |
| 5. Pollution Prevention/ Good Housekeeping for Municipal Operations | Inventory of Municipal Type Operations | Perform semiannual inspections of areas identified in the inventory. | Continuation from Years 4 – 5. |
| | Employee Training Program | Provide initial training and then annually for new employees. | Continuation from Years 4 – 5. |
| | Contractor Oversight | Spot check contractors to ensure that BMPs are being followed. | Continuation from Years 4 – 5. |

F. SWMP Modifications (Part IV Section B.2.(e))

- Changes have been made or are proposed to the SWMP since the NOI or the last annual report, including changes in response to TCEQ’s review.

Yes No

If ‘Yes’, report on changes made to measurable goals and BMPs:

G. Additional BMPs (Part IV Section B.2.(f))

- Provide a description and schedule for implementation of additional BMPs that may be necessary, based on monitoring results, to ensure compliance with applicable TMDLs and implementation plans.

Not Applicable

H. Additional Information (Part IV Section B.2.(g))

- Is the permittee relying on another entity/ies to satisfy some of its permit obligations?

Yes No

If ‘Yes,’ provide the name(s) of other entity/ies and an explanation of their responsibilities (add more spaces or pages if needed):

Name and Explanation:

City of San Marcos TXR040485. Coordinating Education, Outreach and Public Participation efforts as appropriate with the City to maximize the program and cost-effectiveness of the required outreach.

2.a. Is the named permittee sharing a SWMP with other entities?

Yes No

2.b. 'yes,' is this a system-wide annual report including information for all permittees?

Yes No

Not Applicable

I. Construction Activities (Part IV Section B.2.(h-i))

1. The number of construction projects in the jurisdiction of the MS4 where the permittee was not the construction site operator (as provided in submittals to the MS4 operator via notices of intent or site notices):

None

2. a. Does the permittee utilize the optional seventh MCM related to construction?

Yes No

2. b. If 'yes,' then provide the following information for this permit year:

| | |
|--|--|
| The number of municipal construction activities authorized under this general permit | |
| The total number of acres disturbed for municipal construction projects | |

Note: Though the seventh MCM is optional, implementation must be requested on the NOI or on a NOC and approved by the TCEQ.

J. Certification

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Name (printed): Eric Algoe Title: Vice President, Finance and Support Services

Signature:  Date: 11-28-18

Name (printed): _____ Title: _____

Signature: _____ Date: _____

Name (printed): _____ Title: _____

Signature: _____ Date: _____

Name (printed): _____ Title: _____

Signature: _____ Date: _____

Name (printed): _____ Title: _____

Signature: _____ Date: _____

Note: If this is this a system-wide annual report including information for all permittees, each permittee shall sign and certify the annual report in accordance with 30 TAC §305.128 (relating to Signatories to Reports).

Attachment A: Narrative Provision

Introduction

This Annual Report satisfies the requirements of Part IV.B.2 of the TPDES Small MS4 General Permit TXR040000. Additional information is provided in this narrative section to supplement the data reported in Tables 1 and 2 of the TCEQ Standard Form No. 20561 (Rev May 2016) for annual reporting.

MCM-1 Public Education, Outreach and Involvement

STORMWATER QUALITY EDUCATION MATERIALS

Distribute educational materials such as brochures, fliers, door hangers, magnets at university and city sponsored events or other appropriate activities.

Education and Outreach Materials

What Goes Here Flows Here Campaign

The Texas State University and City of San Marcos separate MS4 Programs have continued to work together on education and outreach efforts throughout Year 5. The What Goes Here Flows Here logo, developed in Year 2, has helped to further establish this partnership and has been fully adopted by both entities. Along with the handouts and promotional items developed and distributed in Years 2 – 4 using the What Goes Here Flows Here logo, additional items have been distributed throughout Year 5.

During Year 5, 1,980 educational and promotional items were distributed at public participation events such as Arbor Day, the Annual Great Texas River Clean Up, and Bobcat Build. Others were given out at public outreach events such as the Live on the Lawn, Arbor Day, Texas State Aquatic Science Adventure Camp, SMTX Business Expo, and Texas State Support Staff Resources Employee Fair.

Table 1 shows a summary of promotional items or educational materials distributed, along with the total number of awareness messages disseminated throughout Year 5.



What Goes Here Flows Promotional Items

Promotional items the What Goes Here Flows Here logo and other anti-litter messages were distributed at events throughout Year 5.



Reusable Mesh Trash Bags

Reusable mesh trash bags with the What Goes Here Flows Here logo and an educational message were distributed throughout Years 3 – 5 to discourage littering while enjoying river recreation. The Texas State Outdoor Recreation Center were provided these reusable mesh trash bags for distribution to encourage program participants not to litter while enjoying activities that involve river recreation.



Education and Outreach Events

The What Goes Here Flows Here Partnership participated in various environmental educational events throughout Year 5. Below are examples of those events.

Texas State Support Staff Resources Fair, October 2017

Employee fair for Texas State University staff and faculty. The What Goes Here Flows Here program attended (as part of the Environmental Health, Safety & Risk Management department) to provide a stormwater awareness message to employee fair attendees. Attendees who visited the booth were asked to spin a wheel and then were asked one question pertaining to general stormwater awareness. The categories were created based on Minimum Control Measures and the questions were developed to be informative as well as relatable. Each participant received a handout or promotional item.



Arbor Day, November 2017

Annual event hosted by Texas State University, designated as a “Tree Campus” by the Arbor Day Foundation. Attendees are given the opportunity to beautify campus by participating in a hands-on mass tree planting ceremony. The What Goes Here Flows Here program provided attendees with stormwater awareness information, including information on how trees can have a positive effect on stormwater runoff.



Texas State Aquatic Science Adventure Camp, July and August 2018

The Aquatic Science Adventure Camp provides kids ages 8-16 an opportunity to learn about the aquatic sciences, explore nature, participate in river activities, and learn how to protect the environment. The What Goes Here Flows Here program partnered with the Edwards Aquifer Habitat Conservation Plan to provide camp attendees with information on stormwater awareness, watershed basics, and endangered species that live in the San Marcos River.





Post or broadcast digital promotional materials onto free media outputs such as Texas State Radio, Texas State and City cable stations, social media and various websites and list serves as appropriate.

A plethora of education and outreach messages were distributed in Year 5 via free media outputs. Throughout Year 5, approximately 211,403 people were reached through various media outputs including campus-wide emails, Facebook, Instagram, Texas State Cable TV, and KTSW (Texas State radio station) broadcasts.

Table 1 shows a quantified summary of various education and outreach methods in Year 5.

Television Broadcasting

Texas State Cable Channel (TXTV)

The Texas State Cable Channel (or TXTV) is the University's cable channel. Texas State Television cablecasts to all Texas State University and San Marcos cable subscribers. All advertisements are shown in a slideshow format and are shown about once every fifteen minutes.

The first informational slide below, incorporated beginning in Year 3, highlights the What Goes Here Flows Here campaign and its purpose. The second slide below, incorporated during Year 5, provides information on the new #LitterFreeTXST initiative and discourages graduating seniors from using confetti during graduation photoshoots. In subsequent years, we will use this channel to promote different events and distribute information to the campus community.



As part of the stormwater educational campaign, this tagline and logo have been developed to symbolize the partnership between The City of San Marcos and Texas State University while raising awareness about stormwater pollution.



Confetti & glitter are litter.

You wouldn't litter on TXST.

Don't do it for photos.

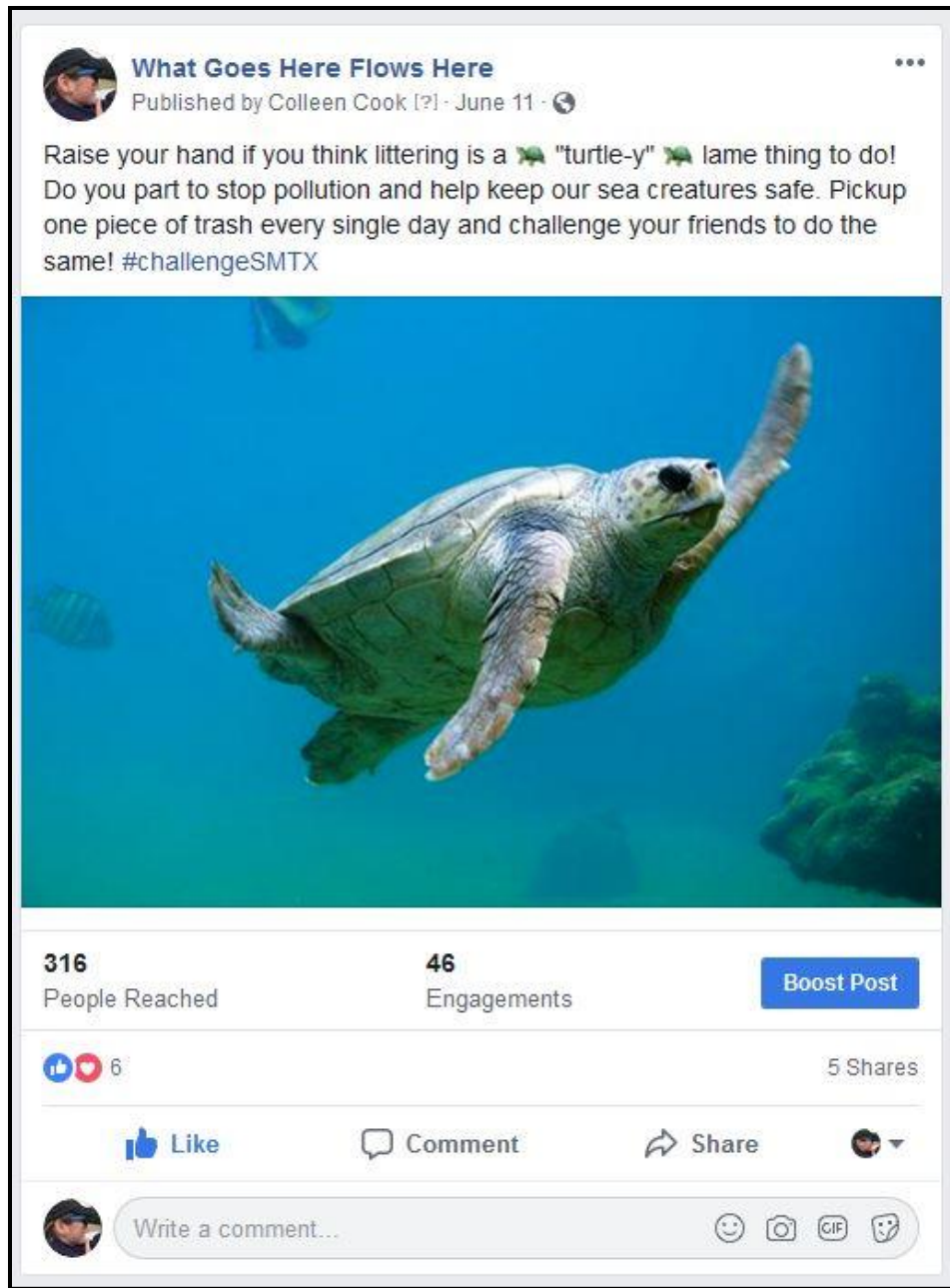
#LitterFreeTXST



Social Media Outreach

Facebook Posts


The What Goes Here Flows Here Facebook page was launched January 20, 2016 as a means to provide information about local stormwater-related issues and volunteer events in real time. The page has been largely successful, boasting 161 likes since its origination. The following posts were some of the page's most successful postings, receiving a larger than average amount of likes, reactions, and shares, promoting this program as well as the main message.



What Goes Here Flows Here Published by Colleen Cook [?] · June 12 · 🌐

Every day, we strive for a #LitterFreeTXST! Can you guess how many pieces of confetti are in this bottle? Closest guess wins a stormwater swag bag!

Shout out to UPD Officer Otto Glenewinkel, Crime Prevention Specialist, for confiscating this container of confetti at a graduation ceremony. Thank you for being a steward to the San Marcos River!



Watch this video with your friends Start Watch Party


571 People Reached **142** Engagements Boost Post


👍❤️ 11 13 Comments 3 Shares 373 Views


👍 Like 💬 Comment ➦ Share 👤

Oldest ▾

View 11 more comments

 **Liz Prado** 1001
Like · Reply · Message · 23w · Edited

 **What Goes Here Flows Here** Check out our most recent post for the results of the contest!
Like · Reply · Commented on by Colleen Cook [?] · 23w

 Write a comment... 😊 📷 GIF 🗨️

Video Public Service Announcements

The What Goes Here Flows Here Program has created several videos, which have been posted on Youtube, Facebook, and the Texas State University Stormwater Webpage. Below are examples of videos created by the program and links to the full video.

#challengeSMTX PSA

Public Service Announcement (created in Year 2) designed to challenge the community to pick up trash and keep San Marcos beautiful. The video has 350 total views on YouTube (received 46 views in Year 5).

[Full Video](#)

Stormwater News PSA

Public Service Announcement (created in Year 3) produced in the style of a news broadcast and designed to educate the public about stormwater pollution and how it impacts you. The video has 428 total views on Youtube (109 views in Year 5).

[Full Video](#)



“What Goes Here Flows Here” PSA

Public Service Announcement (created in Year 4) designed to increase awareness on the impacts of stormwater runoff using phrase and program name "what goes here, flows here." The video has 272 total views on YouTube and over 32,000 views on the City of San Marcos Facebook page, along with 225 likes and 319 shares.

[Full Video](#)

“#LitterFreeTXST” PSA


During Year 5, the #LitterFreeTXST Campaign was launched by University Marketing in response to the confetti issue on campus. Many graduating students use confetti during graduation photoshoots to commemorate the celebration, but often do not pick up the confetti afterward. This has led to an increase of litter on campus, prompting a social media campaign to end confetti littering on campus.

The #LitterFreeTXST campaign is designed to educate students on the issues of confetti use by using visual examples that glitter and confetti are litter. One video and a series of photos were created to depict graduating students using confetti during a photoshoot, which turns into trash when it is thrown into the air and left on the ground after a photoshoot. Official Texas State University social media accounts (Facebook, Twitter, Instagram) have promoted the #LitterFreeTXST hashtag and campaign many times throughout Year 5. **Table 1** shows a quantified summary of the outreach efforts and impacts made with these posts in Year 5.

[Full Video](#)




f Search



Litter Free TXST

Like Comment Share

 Texas State University

303 15 Comments 212 Shares

16K Views - about 8 months ago

You wouldn't litter on TXST. Don't do it for photos.

Confetti & glitter are litter.

Annual Great Texas River Clean Up Video

The Annual Great Texas River Clean Up hosted its 33rd cleanup in Year 5. The Office of University Marketing filmed an informational video about the history of the cleanup and the importance of keeping waterways clean. The video provided general stormwater awareness and had over 11,000 views on the Texas State University Office Facebook page, as well as 382 likes, 11 comments, and 123 shares.

[Full Video](#)

River Feature: Great Texas River Clean Up Like Comment Share

Texas State University 382 11 Comments 123 Shares

11K Views - about 7 months ago

As a unique resource in San Marcos, the river requires care & protection. Each year, the whole community — including many Bobcats — comes together to clean up the river & raise awareness of how our actions impact it.

Dive into our other river stories: <http://bit.ly/2E1zwb2>

EDUCATION/TRAINING FOR CONSTRUCTION PERSONNEL

Provide orientation training to contractor and subcontractor superintendents on basic SWPPP inspection expectations and site controls upon initial startup at jobsite.

Training for construction contractors and subcontractors was continued in Year 5. Contractors and subcontractors working on active construction sites receive basic introductory SWPPP training before they begin work on the jobsite.

Chartwells (food service contractor for the University) provides stormwater training materials for new employees upon hiring. Chartwells also hosts annual orientation training where all associates view a stormwater awareness video pertaining to food service.

Table 3 shows a quantified summary of contractor training records documented in Year 5.

AWARENESS OUTREACH FOR EMPLOYEES AND STUDENTS

Provide basic stormwater pollution prevention awareness input into new employee and new student orientation.

Staff Training

New Employees

Due to program restructuring and recent staff changes, the general stormwater awareness portion of the New Employee Welcome (formerly New Employee Orientation II) program is currently being reorganized. In the interim, new employees were provided the following informational visual and a link to our website with the same information about general stormwater awareness.

Welcome to Texas State University!

The San Marcos River is a beautiful, spring-fed oasis in the heart of Central Texas, known to residents and students alike as a great place to swim, fish, or tube. Did you know that when it rains, different types of pollutants on our streets and parking lots can be collected by stormwater runoff? This runoff flows directly to our creeks, rivers, lakes, and oceans, untreated and unfiltered. Please help us preserve this natural resource by doing your part to prevent stormwater pollution!

Don't be a Litterbug!
Properly dispose of all trash and recycling. Cigarette butts are NOT biodegradable! Remember: Don't mess with Texas!

Care for your Car!
Check your vehicle regularly for drips and leaks. Pollutants such as oil, antifreeze, and brake fluid can negatively impact water quality.

Keep Texas Waterways Clean!
Report any signs of discolored water, paint, oil, or soap flowing into storm drains or the San Marcos River. Thank you for helping to keep our waterways clean!

For more information about the Texas State University Stormwater Management Program, please visit our website:
www.txstate.edu/stormwater

Stop and Scoop!
Always scoop your pet's poop! Dog poop contains bacteria and parasites and, if not picked up, can be harmful to swimmers and wildlife.

512-245-IDDE (4333)

WHAT GOES HERE FLOWS HERE

TEXAS STATE ENVIRONMENTAL HEALTH, SAFETY AND RISK MANAGEMENT

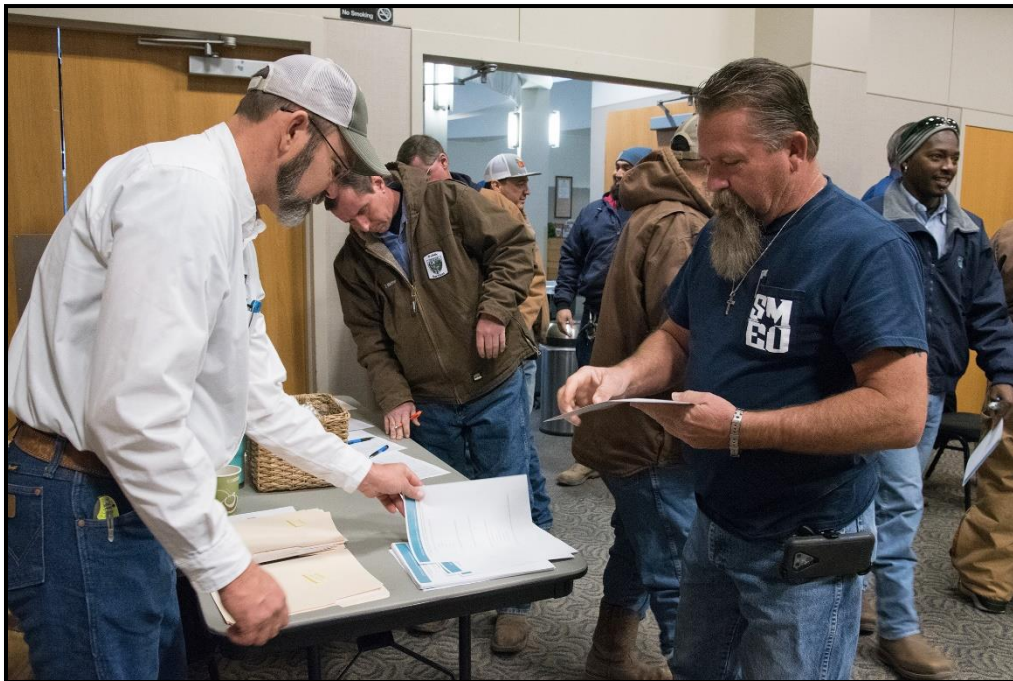
Stormwater Training Initiatives – Staff

University staff are also trained through the University’s SAP online software system in Illicit Discharge, Detection and Elimination as well as Spill Prevention, Control and Countermeasures. During Year 5, Good Housekeeping/Pollution Prevention Training was launched on SAP. Annual training for University Construction Department personnel was also provided in Year 5.

Table 3 shows a summary of the number of staff trained through these methods in Year 5.

In addition to required annual online training, staff were provided additional opportunities to receive stormwater training and professional development hours. One example of additional training provided in Year 5 is the Texas Regional Stormwater Conference, a conference organized by the Central Texas Stormwater Coalition (CTSC). The CTSC was formed by MS4 Program Managers from Texas State University, as well as the cities of Kyle, San Marcos, and New Braunfels. CTSC members hosted the conference as a method of training for their staff. The Inaugural Texas Regional Stormwater Conference, hosted on January 18, 2018, was extremely successful and will continue to be hosted in subsequent years. Below are photos from the event. For more information on the conference, please visit www.txphase2ms4.com.

Table 7 shows a summary of continuing education for staff in Year 5.





Student Training

Freshmen students receive stormwater awareness training through the University Seminar 1100 course, which includes a boat tour at The Meadows Center (formerly Aquarena Springs) and a walking tour of how stormwater runoff can collect pollutants on its way to the San Marcos River. General Stormwater awareness education is incorporated into the boat tour of Spring Lake. During the permit renewal, this training method will be revamped, as University Seminar 1100 has been updated since the origination of this permit.

Table 1 shows a summary of the number of students trained in Year 5.

Include pollution prevention and MS4 permit awareness messages in regularly published media such as newsletters, campus wide e-mails, web postings and electronic marquees.

Stormwater Awareness via Published Media

Student Involvement Volunteer Newsletter

Student Involvement at LBJ Student Center, a campus department whose main focus is encouraging student volunteerism, sends a Volunteer Newsletter to an average of 2800 students, staff, and faculty 2-4 times per month. Additionally, the newsletter helped to promote events and initiatives such as the Annual Great Texas River Clean Up and #challengeSMTX. The stormwater awareness messages are typically thematic and are designed to correlate with the month in which they are sent. For example, the stormwater message sent in March-April encouraged graduating seniors not to use confetti during graduation photoshoots.

Unfortunately, the newsletter was discontinued in May 2018. Student Involvement is in the process of finding a better method of educating students on these opportunities. Stormwater messages will be incorporated into the new method of outreach for student volunteerism.

Table 1 provides a summary of the number of these messages. Below is the total number of opened emails and an example of one of their newsletters with an incorporated stormwater awareness message.


| Number of Opened Emails during Year 5 | | | |
|--|------|--------------------|------|
| September 2017 | 4047 | March 2018 | 2195 |
| October 2017 | 3137 | April 2018 | 2232 |
| November 2017 | 2998 | May 2018 | 759 |
| December 2017 | 1463 | June 2018 | 0 |
| January 2018 | 1547 | July 2018 | 0 |
| February 2018 | 2335 | August 2018 | 0 |

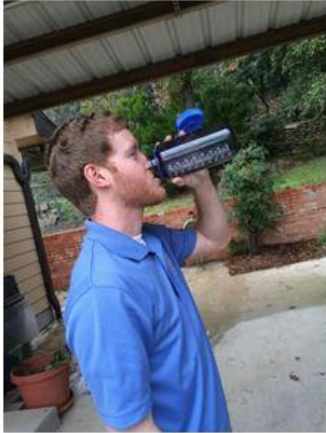
Example volunteer newsletter with stormwater message.

Thu 2/15/2018 2:48 PM

Student Involvement <getinvolved@txstate.edu>

Volunteer Opportunities Newsletter 2/15/18

To  Cook, Colleen E



Storm Water Message:

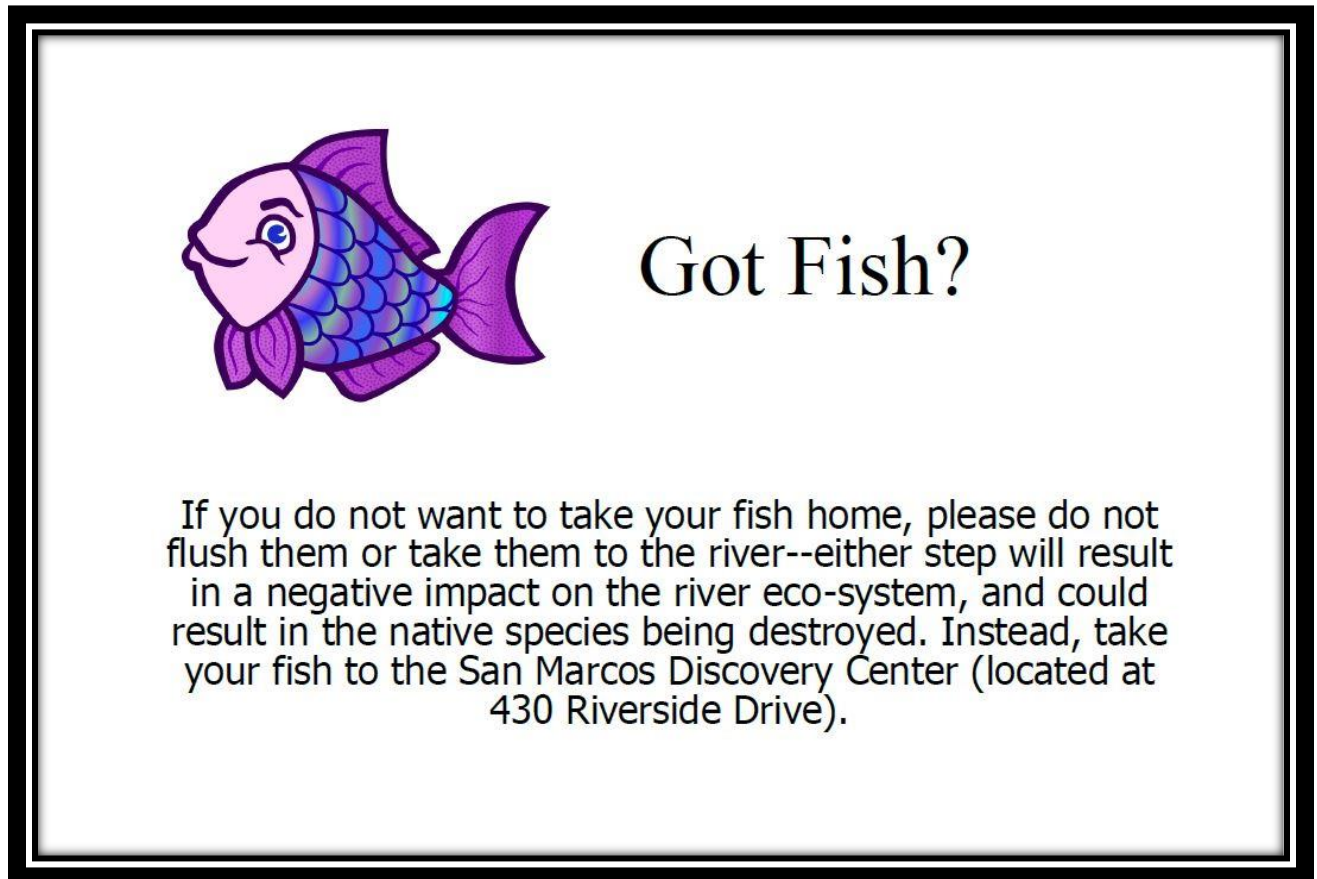
Happy New Year, Bobcats! Looking for a New Year's Resolution? Try to reduce, reuse, and recycle! Using refillable water bottles is a great way to reduce waste while keeping yourself hydrated on that long walk to class! Single-use containers like plastic water bottles, fast food cups, and plastic retail bags are among the most popular kinds of trash collected during litter pickups. This year, try limiting single-use items and practice recycling when you can. Help keep our waterways clean!

Limited Time Opportunities

Implement pet waste awareness campaign, including information on concerns associated with the release of aquarium pets to local aquatic resources, for University-owned or managed apartments.

Developed in Year 4 and updated in Year 5, the pet fish disposal guide (shown below) was incorporated into Residence Hall Move-Out Guides for students living in on-campus housing. Students living on campus are allowed to have pet fish in their residence halls (no dogs, cats, etc.). However, it is believed that some students release their pet fish into the San Marcos River after the school year has ended because they no longer wish to keep them. Non-native fish can pose serious threats to the native fish living in the San Marcos River. This guide was developed to discourage this practice and provide alternate methods of disposal.

More than 6,000 students living in on-campus housing received this move-out guide and were required to acknowledge that they read the information before being allowed to check out of their room.



WEB PAGE AND COMMUNITY HOTLINES

Expand the websites to include hotline numbers, Annual Reports and event dates and schedules.

[The Texas State Stormwater Webpage](#) is a fully functional website within the University's domain. The website currently has:

- A basic summary of the SWMP and its purpose
- Information on how to report a spill or illicit discharge (online and hotline number)
- Basic stormwater awareness education
- Links to videos
- Information about What Goes Here Flows Here and our partnership with the City of San Marcos
- Information about past events
- Link to our Facebook page
- Food service & stormwater information
- Resources (SWMP, subsequent programs within the SMWP, Annual Reports, Campus Stormwater UPPS, links to TCEQ documents, etc.)

STORM DRAIN STENCILING OR MARKER PROGRAM

Install inlet markers on at least 10 curb inlets annually.

During Year 5, 40 curb inlet markers were installed on curb inlets and area drains throughout campus. These markers were installed through the Bobcat Build annual event.

Table 2 shows a summary of the public participation events in Year 5.



COMMUNITY EVENTS

Texas State University and the What Goes Here Flows Here Program were involved in several stormwater-related public participation events during Year 5. The Annual Great Texas River Clean Up, Bobcat Build, and Keep San Marcos Beautiful Hot Spots and Adopt-a-Spots were some of the main projects. **Table 1 and Table 2** show the quantitative data associated with each of the events.

Participate in at least one San Marcos River cleanup each year.

Fall Sweep Clean Up, October 2017

In Year 5, the inaugural Fall Sweep Clean Up was implemented as an annual river clean up hosted in the fall season. The event was held on October 7, 2017 hosted by the City of San Marcos with Texas State providing support with planning and implementation. During its first year, the Fall Sweep brought in 350 volunteers and leaders who picked up 2,940 lbs. of trash, 290 lbs. of recyclables, and 20 tires. An anti-litter stormwater awareness message was provided to volunteers prior to the cleanup.

33rd Annual Great Texas River Clean Up, March 2018

In Year 5, the 33rd Annual Great Texas River Clean Up brought out over 1000 volunteers – the largest clean up in the event’s history – including event leaders, watershed leaders, and crew leaders, as well as city officials, residents, and Texas State University staff and students.

The cleanup was divided into different areas: Willow Creek, Sink Creek, Sessom Creek, Purgatory Creek (divided into two sections), Cottonwood Creek, Plum Creek, the Blanco River, and the San Marcos River Corridor (divided into two sections). This year’s cleanup extended the boundaries of previous years, allowing for a more expansive litter pick-up approach. Volunteers worked from 9am – 12pm and collected 31,377 lbs. of trash; 10,480 lbs. of recyclable materials; 31 passenger tires and seven truck tires.

Each watershed had several crews of about twenty volunteers, each led by a crew leader who was educated on stormwater awareness prior to the cleanup and instructed to spread the message along to their volunteers. Volunteers were provided an anti-litter stormwater awareness message prior to the cleanup. Additionally, volunteers were educated on the science of watersheds and on how creeks, rivers, and oceans are connected.

See below for photos.





Work with Bobcat Build volunteers once a year on stormwater cleanup, maintenance or other related projects.

Bobcat Build, April 2018

Bobcat Build is a campus-wide annual service event in which Texas State University students help the San Marcos community by saying “Thank You!” for supporting the students and university. Students perform jobs for residents that range from yard work to house painting to a neighborhood cleanup. In Year 5, ten (10) volunteers from Texas State organizations worked for two hours to install storm drain markers on 40 storm drain inlets and picked up trash throughout campus. The volunteers were given a stormwater awareness message prior to the event and were provided a What Goes Here Flows Here promotional item for their efforts. See below for photos.





Continue with Texas State volunteer groups for Keep San Marcos Beautiful (KSMB) Adopt-a-Spot projects (ongoing).

Hot Spot Clean Ups (Ongoing throughout Year 5)

The City of San Marcos Keep San Marcos Beautiful program hosts “Hot Spot” cleanups throughout the year, typically in areas with persistent litter problems that need extra attention. Some of these areas are also focused on during the Annual Great Texas River Clean Up. Many Texas State groups as well as residential groups volunteer with this program. During Year 5, 161 volunteers completed 278 hours of work, with volunteers picking up 111 bags of trash and 79 bags of recyclables.

Adopt-a-Spot Clean Ups (Ongoing throughout Year 5)

Keep San Marcos Beautiful also has an Adopt-a-Spot program, which allows organizations to adopt an area within the city that they are responsible for cleaning multiple times per year. During Year 5, eight Texas State student organizations participated in 36 Adopt-a-Spot events. A total of 606 volunteers worked 1,135 hours and picked up 210 bags of trash and 113 bags of recycling.

MCM-2 Illicit Discharge Detection and Elimination

TRAINING ON IDDE AND OUTFALL MONITORING

Implement training with workshops for the Shops, Grounds Operations, Garage, Auxiliary Services, DHRL, FPDC, and Utility Operations followed by annual refresher training.

Illicit Discharge, Detection and Elimination (IDDE) training was established in Year 2 and is now a recognized training program at the University. Staff are trained through the University's online SAP software system using a short informative video about how to spot illicit discharges and how to report them. This program allows for automated reminders when training is required, automated tracking of training, and records retention. The program is also used by Human Resources to track time and process hiring paperwork, so the records in the database are updated constantly. Automated processes such as this are extremely beneficial to a large University, which has a constant influx and outflow of students, staff and faculty.

Table 3 shows the number of employees trained in IDDE throughout the Year 5.

HAZARDOUS WASTE AND RECYCLE MATERIAL COLLECTION PROGRAMS

Continue to record the volume of hazardous waste and recyclable materials picked up and report to management annually.

The University has an active hazardous and industrial waste program, universal waste collection program (fluorescent bulbs, paint, and mercury thermometers), used oil recycling program, and battery, ink jet and cell phone recycling program for the campus labs, shops, classrooms and administrative offices. The collection, proper disposal and recycling of these materials potentially reduces the chances dumping or discharging to the environment and exposure to stormwater runoff. **Table 4** is a summary of the weights of these materials managed at the University for Year 5.

MCM-3 Construction Site Stormwater Runoff Control

SITE PLAN REVIEW PROGRAM

Continue with the process of reviewing erosion control plans, SWPPP drawings and post construction BMP selection on site plans for new construction and redevelopment.

The University has an existing program in place to review stormwater runoff control drawings and plans for all new construction and redevelopment projects that will include outside disturbance of soil. The goal for this BMP was to review a minimum of 75% of the projects initiated on campus meeting the outdoor work/soil disturbance criteria. In Year 5, 100% of all applicable plans were reviewed, exceeding the goal set in the SWMP. The plan review table is shown as **Table 5**.

CONSTRUCTION SITE INSPECTION PROGRAM

Continue with existing program of weekly SWPPP site inspections and reporting for one acre and larger sites.

The University has an active site inspection program for new construction that includes an initial startup inspection to ensure all notices are posted and submitted to the appropriate MS4 Operators, the SWPPP plan has been reviewed and certified, and the erosion controls have been installed properly. This is approved jointly by the EHSRM and FPDC project managers prior to construction. During construction these two offices complete routine site inspections and complete inspection forms for documentation in compliance with the TPDES General Construction Permit (GCP) TXR150000. These inspections continue until final stabilization of the site occurs as documented by the final site inspection, and the GCP is terminated by sending a copy of the Construction Site Notice to the MS4 operator. This process is applicable to only those sites that are one acre in size or larger. A summary of the initial, final and routine site inspections performed during Year 5 is shown in **Table 6**. Three active construction sites (greater than one acre) were ongoing in Year 5 of the permit and one was completed prior to this year-end reporting period. A total of 109 SWPPP inspections were conducted in Year 5.

Continue attending conferences and training to increase skills and knowledge for construction inspectors.

Continuing education is an integral part of the University's mission of students, faculty and staff. It is recognized as important for maintaining licenses and specialty certifications, broadening the knowledge base of the stormwater team, allowing opportunities for idea sharing and collaboration with peers and coworkers and keeping the university staff familiar with new and emerging technologies and treatment methods. **Table 7** provides a summary of the training attended by the responsible departments during Year 5 of the permit cycle.

MCM-4 Post-Construction Stormwater Management in New Development and Redevelopment

OPERATION AND MAINTENANCE OF STRUCTURAL BMPs

Perform O&M on structural BMPs according to the maintenance schedule.

Permanent BMPs received maintenance as either existing initiatives or new work order requests during Year 5. Tracking of BMP maintenance was kept in the Facilities work order management (AiM) program so progress and weights can be tracked and recorded easily.

Table 8 shows the amount of material removed during BMP maintenance in Year 5.

MCM-5 Pollution Prevention/Good Housekeeping for Municipal Operations

FLEET AND EQUIPMENT MAINTENANCE

Continue SPCC training program for all personnel working with oil and petroleum products.

Spill Prevention, Control and Countermeasures (SPCC) training has been ongoing for several years and is a recognized training program at the University. Staff are trained through the University's online SAP software system using a PowerPoint to explain how to prevent spills, methods for containing and cleaning up spills, and reporting requirements. This training program allows for automated reminders when training is required, automated tracking of training, and records retention. The program is also used by Human Resources to track time and process hiring paperwork, so the records in the database are updated constantly.

Automated processes such as this are extremely beneficial to a large University, which has a constant influx and outflow of students, staff and faculty.

Table 3 shows the number of employees trained in SPCC throughout the Year 5.

EMPLOYEE TRAINING PROGRAM

Provide initial training then annually for new employees.

Good Housekeeping/Pollution Prevention (GHPP) training is a new training as of Year 5 and is now a recognized training program at the University. Staff are trained through the University's online SAP software system using a video presentation. The video is used to demonstrate different best management practices for preventing stormwater pollution during daily work activities.

Table 3 shows the number of employees trained in GHPP throughout the Year 5.

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|---------------------------|---------------------|--|--------------------------------------|----------------------|
| #challengeSMTX Video PSA | 11/7/2014 - Present | Anti-litter campaign to encourage people to pick up and recycle or throw away one piece of trash a day. Public Service Announcement video posted to increase awareness about the campaign. The number reflects how many times the video was viewed since its origination. The number in parenthesis reflects the number of views in Year 5. | Video (+46) | 350 |
| | | | | |
| Texas State Cable Channel | 7/9/2015 - Present | What Goes Here Flows Here campaign publicized on scrolling informational TXST Cable TV Channel. The channel is available on campus, in San Marcos & the surrounding areas. The informational slide scrolls once every fifteen minutes, so it is shown approximately 100 times over a 24 hour period. The number reflects the estimate of how many times the message was broadcast during Year 5. | Electronic Media | 36500 |
| | | | | |

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| Stormwater News Video PSA | 10/29/2015 - Present | Stormwater News PSA, produced in the style of a news broadcast, was designed to educate the public about stormwater pollution and how it impacts you. The number reflects how many times the video was viewed since its origination. The number in parenthesis reflects the number of views in Year 5. | Video (+109) | 428 |
| | | | | |
| Annual Great Texas River Clean Up - Facebook Page | 1/7/2015 - Present | Facebook page dedicated to Annual Great Texas River Clean Up. Goal was to boost interest, increase participation, and spread information about the event. The number reflects how many total "likes" the page has received to date; the number in parenthesis reflects the number of likes in Year 5. | Social Media (+119) | 793 |
| | | | | |

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|---|---------------------|--|--------------------------------------|----------------------|
| What Goes Here Flows Here Facebook Page | 1/20/2016 - Present | What Goes Here Flows Here Facebook page developed to reach a broader audience. The purpose of this page is to relay educational messages, post information about volunteer events, and promote the concept of what goes on the ground flows into the San Marcos River. The number reflects how many "likes" the page has received to date. The number in parenthesis reflects the number of views in Year 5. | Likes (+8) | 161 |
| | | | | |
| "What Goes Here Flows Here" Video PSA | 9/13/2016 - Present | Video PSA designed to increase awareness on the impacts of stormwater runoff using phrase "what goes here, flows here." The number reflects how many times the video was viewed since its origination. The number reflects views on YouTube, as well as views, likes, and comments on City of San Marcos Facebook. The number in parentheses reflects how many times the video was shared on Facebook. | Video (319 shares) | 32484 |

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|---|----------------------|---|--------------------------------------|----------------------|
| | | | | |
| #LitterFreeTXST Social Media Hashtag | 10/18/2017 - Present | Social media hashtag design to engage followers and discourage confetti use during graduation photoshoots. Number reflects total hashtag usage on Facebook, Instagram, and Twitter. | Social Media Hashtag | 27 |
| | | | | |
| Texas State University Official Facebook | 10/18/2017 | Video PSA posted to Facebook illustrating the consequences of using confetti for photoshoots. Number reflects views, likes, comments, and shares. | Video PSA | 11406 |
| | | | | |
| Texas State University Official Instagram | 10/18/2017 | Video PSA posted to Instagram illustrating the consequences of using confetti for photoshoots. Number reflects views, likes, and comments. | Video PSA | 8773 |
| | | | | |

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|--|------------|---|--------------------------------------|----------------------|
| What Goes Here Flows Here Facebook Page | 10/19/2017 | Video PSA posted to Facebook illustrating the consequences of using confetti for outdoor photoshoots. Number reflects views, likes, comments, and shares. | Video PSA | 6 |
| | | | | |
| Texas State Support Staff Resources Fair | 10/25/2017 | Employee fair for Texas State staff. Education and outreach on stormwater awareness provided using trivia game. The number reflects how many items were given away. | Handouts and promotional items | 50 |
| | | | | |
| Arbor Day Celebration | 11/17/2017 | Promote stormwater awareness and importance of trees on campus. | Promotional items | 20 |
| | | | | |

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| Texas State University Official Facebook | 11/20/2017 | Facebook post illustrating the consequences of using confetti for photoshoots. Number reflects likes, comments, and shares. | Social Media Post (Photo) | 276 |
| | | | | |
| Texas State University Official Instagram | 11/21/2017 | Instagram photo illustrating the consequences of using confetti for photoshoots. Number reflects likes and comments. | Social Media Post (Photo) | 1754 |
| | | | | |
| What Goes Here Flows Here Facebook Page | 11/28/2017 | Facebook post illustrating the consequences of using confetti for outdoor photoshoots. Number reflects likes, comments, and shares. | Social Media Post (Photo) | 47 |
| | | | | |
| What Goes Here Flows Here Facebook Page | 11/30/2017 | Facebook post illustrating best practices for disposal of yard waste. Number reflects likes, comments, and shares. | Social Media Post (Photo) | 6 |
| | | | | |

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|--|-----------|---|--------------------------------------|----------------------|
| Inaugural Texas Regional Stormwater Conference | 1/18/2018 | The Inaugural Texas Regional Stormwater Conference, hosted by the Central Texas Stormwater Coalition (MS4 program managers from Kyle, San Marcos, New Braunfels, and Texas State University), was hosted to educate field staff and decision-makers on common stormwater issues and other related topics. | Educational presentation/training | 178 |
| | | | | |
| Annual Great Texas River Clean Up | 2/22/2018 | Promote Annual Great Texas River Clean Up volunteerism to students, staff, and faculty. The number reflects how many received the email. | Campus-Wide Email | 40,000 |
| | | | | |
| Annual Great Texas River Clean Up | 3/3/2018 | Annual river cleanup. Volunteers provided stormwater awareness messages and promotional items (t-shirt). | Promotional Items | 1000 |
| | | | | |

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|-----------------------------------|--------------------|--|--------------------------------------|----------------------|
| Annual Great Texas River Clean Up | 3/3/2018 | Annual river cleanup. Volunteers provided stormwater awareness messages and promotional items (water bottles and stickers). | Promotional Items | 500 |
| | | | | |
| TXSTV Cable Channel | 4/6/2018 - Present | #LitterFreeTXST campaign publicized on scrolling informational TXST Cable TV Channel. The channel is available on campus, in San Marcos & the surrounding areas. The informational slide scrolls once every fifteen minutes, so it is shown approximately 100 times over a 24 hour period. | Graphic Image PSA | 14700 |
| | | | | |

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|--|-----------|---|--------------------------------------|----------------------|
| Bobcat Build | 4/7/2018 | Student volunteers from Texas State organizations (Mu Epsilon Theta Catholic Sorority) installed approximately 40 curb inlet markers throughout campus to spread the message that storm drains lead to waterways in an effort to discourage dumping of illegal items down storm drains. The volunteers also picked up three bags of trash and one bag of recyclables from central campus. | Promotional Items | 10 |
| | | | | |
| What Goes Here Flows Here Facebook Page | 4/7/2018 | Facebook post promoting Bobcat Build program and "thank you" to the volunteers. Number reflects likes and shares. | Social Media Post | 21 |
| | | | | |
| Texas State University Official Facebook | 4/10/2018 | Video PSA posted to Facebook illustrating the consequences of using confetti for photoshoots. Number reflects views, likes, comments, and shares. | Video PSA | 16530 |
| | | | | |

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|---|-----------|--|--------------------------------------|----------------------|
| What Goes Here Flows Here Facebook Page | 4/11/2018 | Facebook post illustrating the consequences of using confetti for outdoor photoshoots. Number reflects likes and shares. | Video PSA | 13 |
| | | | | |
| Live on the Lawn | 4/12/2018 | Education and outreach on stormwater awareness provided using trivia game. | Handouts and promotional items | 20 |
| | | | | |
| Texas State University Official Instagram | 4/22/2018 | Instagram photo illustrating the consequences of using confetti for photoshoots. Number reflects likes and comments. | Social Media Post (Photo) | 1594 |
| | | | | |
| Texas State University Official Facebook | 4/25/2018 | Video PSA posted to Facebook highlighting the Annual Great Texas River Clean Up by including a stormwater awareness message that all drains lead to our creeks, rivers and oceans. Number reflects views, likes, comments, and shares. | Video PSA | 11516 |
| | | | | |

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|---|-----------|--|--------------------------------------|----------------------|
| What Goes Here Flows Here Facebook Page | 4/25/2018 | Video PSA posted to Facebook highlighting the Annual Great Texas River Clean Up by including a stormwater awareness message that all drains lead to our creeks, rivers and oceans. Number reflects views, likes, comments, and shares. | Video PSA | 6 |
| | | | | |
| What Goes Here Flows Here Facebook Page | 4/30/2018 | Video tutorial posted to Facebook showing followers how to add confetti to photos using Photoshop in an effort to discourage plastic confetti use. Number reflects views, likes, and shares. | Video PSA | 555 |
| | | | | |
| What Goes Here Flows Here Facebook Page | 4/30/2018 | Facebook post targeted at Texas State graduates illustrating the consequences of using confetti at graduation celebrations on campus. Number reflects likes and shares. | Social Media Post (Photo) | 2 |
| | | | | |

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|---|-----------|---|--------------------------------------|----------------------|
| Pet Waste Awareness Campaign | 5/1/2018 | Provided information to students living in residence halls on proper disposal of aquarium fish. Each student received a move out checklist which included proper fish disposal procedures. The number reflects the total number of students who received the message. | Move-out checklist | 6000 |
| | | | | |
| What Goes Here Flows Here Facebook Page | 5/25/2018 | Facebook post designed to engage audience using polling tool and to promote environmental stewardship during Memorial Day celebrations. Number reflects votes, likes and shares. | Social Media Post (Voting Feature) | 5 |
| | | | | |
| Movies in Your Park | 6/5/2018 | Video PSA designed to increase awareness on the impacts of stormwater runoff using phrase "what goes here, flows here." The number reflects the number of people who attended "Movies in Your Park" that week and viewed the video. | Video PSA | 225 |
| | | | | |

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| What Goes Here Flows Here Facebook Page | 6/11/2018 | Facebook post discouraging littering and encouraging followers to pick up trash and challenge their friends on social media using #ChallengeSMTX hashtag. The number reflect likes and shares. | Social Media Post (Photo) | 11 |
| | | | | |
| Movies in Your Park | 6/12/2018 | Video PSA designed to increase awareness on the impacts of stormwater runoff using phrase "what goes here, flows here." The number reflects the number of people who attended "Movies in Your Park" that week and viewed the video. | Video PSA | 200 |
| | | | | |
| What Goes Here Flows Here Facebook Page | 6/12/2018 | Facebook post designed to engage audience by hosting a contest. Followers were asked to guess the number of pieces of confetti in a bottle; the closest guess would win a prize. Number reflects comments, likes and shares. | Social Media Post (Contest) | 28 |
| | | | | |

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|---|-----------|--|--------------------------------------|----------------------|
| What Goes Here Flows Here Facebook Page | 6/13/2018 | Facebook post showing the results of the contest (approximately 6,000 - 7,000). Followers were asked to guess the number of pieces of confetti in a bottle; the closest guess would win a prize. Number reflects comments and likes. | Social Media Post (Photo) | 5 |
| | | | | |
| Movies in Your Park | 6/26/2018 | Video PSA designed to increase awareness on the impacts of stormwater runoff using phrase "what goes here, flows here." The number reflects the number of people who attended "Movies in Your Park" that week and viewed the video. | Video PSA | 170 |
| | | | | |
| What Goes Here Flows Here Facebook Page | 6/28/2018 | Facebook post promoting Plastic Free July, a challenge for followers to reduce single-use plastic in July. The number reflect likes and shares. | Social Media Post (Photo) | 3 |
| | | | | |

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|---|-----------|---|--------------------------------------|----------------------|
| What Goes Here Flows Here Facebook Page | 7/4/2018 | Facebook post promoting Plastic Free July by encouraging the use of reusable straws when eating out. The number reflect likes and shares. | Social Media Post (Photo) | 2 |
| | | | | |
| Movies in Your Park | 7/10/2018 | Video PSA designed to increase awareness on the impacts of stormwater runoff using phrase "what goes here, flows here." The number reflects the number of people who attended "Movies in Your Park" that week and viewed the video. | Video PSA | 200 |
| | | | | |
| What Goes Here Flows Here Facebook Page | 7/11/2018 | Facebook post promoting Plastic Free July by encouraging the use of reusable grocery bags, decreasing the use of plastic packaging when buying produce, and opting for other brands that use non-plastic packaging alternatives. The number reflect likes and shares. | Social Media Post (Photo) | 8 |
| | | | | |

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|--|-----------|--|--|----------------------|
| Movies in Your Park | 7/17/2018 | Video PSA designed to increase awareness on the impacts of stormwater runoff using phrase "what goes here, flows here." The number reflects the number of people who attended "Movies in Your Park" that week and viewed the video. | Video PSA | 180 |
| | | | | |
| Texas State Aquatic Science Adventure Camp | 7/19/2018 | Partnered with the Edwards Aquifer Habitat Conservation Plan to educate kids age 8-14 about stormwater awareness, watershed functionality and endangered species that live in the San Marcos River. The number reflects how many promotional items were distributed. | Hands-on education & outreach, promotional items | 18 |
| | | | | |
| Movies in Your Park | 7/24/2018 | Video PSA designed to increase awareness on the impacts of stormwater runoff using phrase "what goes here, flows here." The number reflects the number of people who attended "Movies in Your Park" that week and viewed the video. | Video PSA | 175 |
| | | | | |

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|--|-----------|--|--|----------------------|
| What Goes Here Flows Here Facebook Page | 7/25/2018 | Facebook post promoting stormwater awareness model at Texas State Aquatic Science Adventure Camp. Model was designed to educate campers on pollution prevention practices that can be implemented at their home. The number reflect likes and shares. | Social Media Post (Photo) | 6 |
| | | | | |
| Texas State Aquatic Science Adventure Camp | 7/26/2018 | Partnered with the Edwards Aquifer Habitat Conservation Plan to educate kids age 8-14 about stormwater awareness, watershed functionality and endangered species that live in the San Marcos River. The number reflects how many promotional items were distributed. | Hands-on education & outreach, promotional items | 18 |
| | | | | |
| Texas State Aquatic Science Adventure Camp | 7/27/2018 | Partnered with the Edwards Aquifer Habitat Conservation Plan to educate kids age 8-14 about stormwater awareness, watershed functionality and endangered species that live in the San Marcos River. The number reflects how many promotional items were distributed. | Hands-on education & outreach, promotional items | 18 |
| | | | | |

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|--|-----------|--|--|----------------------|
| Movies in Your Park | 7/31/2018 | Video PSA designed to increase awareness on the impacts of stormwater runoff using phrase "what goes here, flows here." The number reflects the number of people who attended "Movies in Your Park" that week and viewed the video. | Video PSA | 175 |
| | | | | |
| Texas State Aquatic Science Adventure Camp | 8/2/2018 | Partnered with the Edwards Aquifer Habitat Conservation Plan to educate kids age 8-14 about stormwater awareness, watershed functionality and endangered species that live in the San Marcos River. The number reflects how many promotional items were distributed. | Hands-on education & outreach, promotional items | 18 |
| | | | | |
| Texas State Aquatic Science Adventure Camp | 8/3/2018 | Partnered with the Edwards Aquifer Habitat Conservation Plan to educate kids age 8-14 about stormwater awareness, watershed functionality and endangered species that live in the San Marcos River. The number reflects how many promotional items were distributed. | Hands-on education & outreach, promotional items | 18 |
| | | | | |

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| Movies in Your Park | 8/7/2018 | Video PSA designed to increase awareness on the impacts of stormwater runoff using phrase "what goes here, flows here." The number reflects the number of people who attended "Movies in Your Park" that week and viewed the video. | Video PSA | 75 |
| | | | | |
| SMTX Business Expo | 8/23/2018 | Business expo for San Marcos residents. Education and outreach on stormwater awareness provided using trivia game. | Handouts and promotional items | 250 |
| | | | | |
| What Goes Here Flows Here Facebook Page | 8/25/2018 | Facebook post promoting the SMTX Business Expo event. The number reflect likes and shares. | Social Media Post (Photo) | 10 |
| | | | | |
| Sewell Park Day | 8/27/2018 | Education and outreach for Texas State students on stormwater awareness provided using trivia game. | Handouts and promotional items | 40 |
| | | | | |

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| University Seminar 1100 | 9/1/2017 - 9/30/2017 | Students received stormwater educational walking tour before Meadows Center Glassbottom Boat Tour. The number reflects the number of students who received this information. | Educational presentation - Walking tour guide | 1234 |
| | 10/1/2017 - 10/31/2017 | | | 2349 |
| | 11/1/2017 - 11/30/2017 | | | 1068 |
| | 12/1/2017 - 12/31/2017 | | | 151 |
| | 1/1/2018 - 1/31/2018 | | | 10 |
| | 2/1/2018 - 2/28/2018 | | | 27 |
| | 3/1/2018 - 3/31/2018 | | | 139 |
| | 4/1/2018 - 4/30/2018 | | | 108 |
| Volunteer Newsletter | 9/1/2017 - 9/30/2017 | Educate students and faculty who are members of volunteer newsletter email list about stormwater awareness. A new tip is updated monthly or every other month. The number reflects number of emails opened that month. | Electronic newsletter | 4047 |
| | 10/1/2017 - 10/31/2017 | | | 3137 |
| | 11/1/2017 - 11/30/2017 | | | 2998 |
| | 12/1/2017 - 12/31/2017 | | | 1463 |
| | 1/1/2018 - 1/31/2018 | | | 1547 |
| | 2/1/2018 - 2/28/2018 | | | 2335 |
| | 3/1/2018 - 3/31/2018 | | | 2195 |
| | 4/1/2018 - 4/30/2018 | | | 2232 |
| | 5/1/2018 - 6/31/2018 | | | 759 |
| Total Promotion/Educational Materials Distributed | | | | 1980 |
| Total Awareness Messages | | | | 211,403 |

Table 2
 Summary of Public Participation Events
Year 5
 Fiscal Year 2018 (September 1, 2017 - August 31, 2018)
 Phase II MS4 Annual Report
 Texas State University | San Marcos, Texas

| Name of Event | Date | Description of Event | Number of Participants | Quantity (Bags of trash, curb inlet markers, etc.) | Method Used for Stormwater Awareness |
|---------------|------------------------|--|------------------------|---|---|
| | | | Volunteer Hours | | |
| Adopt-a-Spot | 9/1/2017 - 9/30/2017 | Litter and debris removal by Texas State organizations (Chi Beta Delta, HEAT, Kappa Delta Chi, and Sigma Alpha Epsilon). | 110 | 20 bags of trash | Litter pickup |
| | | | 325 | 5 bags of recycling | |
| Fall Sweep | 10/7/2017 | Cleanup of litter from creeks, drainage channels and river | 350 | 2,940 pounds of trash | Anti-litter message provided during cleanup efforts |
| | | | 525 | 290 pounds of recyclables and 20 tires | |
| Adopt-a-Spot | 10/1/2017 - 10/31/2017 | Litter and debris removal by Texas State organizations (Air Force ROTC, Chi Beta Delta, HEAT, Omega Phi Alpha, and Sigma Alpha Epsilon). | 91 | 30 bags of trash | Litter pickup |
| | | | 100 | 6 bags of recycling | |
| Adopt-a-Spot | 11/1/2017 - 11/30/2017 | Litter and debris removal by Texas State organizations (Air Force ROTC, Beta Beta Beta, Chi Beta Delta, and Omega Phi Alpha). | 42 | 8 bags of trash | Litter pickup |
| | | | 45.5 | 2 bags of recycling | |

Table 2
 Summary of Public Participation Events
Year 5
 Fiscal Year 2018 (September 1, 2017 - August 31, 2018)
 Phase II MS4 Annual Report
 Texas State University | San Marcos, Texas

| Name of Event | Date | Description of Event | Number of Participants | Quantity (Bags of trash, curb inlet markers, etc.) | Method Used for Stormwater Awareness |
|---------------|------------------------|--|------------------------|---|--------------------------------------|
| | | | Volunteer Hours | | |
| Adopt-a-Spot | 12/1/2017 - 12/31/2017 | Litter and debris removal by Texas State organizations (Air Force ROTC and HEAT). | 15 | 2.5 bags of trash | Litter pickup |
| | | | 30 | 3 bags of recycling | |
| Adopt-a-Spot | 1/1/2018 - 1/31/2018 | Litter and debris removal by Texas State organizations (Beta Beta Beta and Net Impact). | 14 | 2 bags of trash | Litter pickup |
| | | | 19.25 | 1 bag of recycling | |
| Adopt-a-Spot | 2/1/2018 - 2/28/2018 | Litter and debris removal by Texas State organizations (Air Force ROTC, Beta Beta Beta, Chi Beta Delta, Gamma Theta Upsilon, and HEAT). | 30 | 9.25 bags of trash | Litter pickup |
| | | | 43 | 2 bags of recycling | |
| Adopt-a-Spot | 3/1/2018 - 3/31/2018 | Litter and debris removal by Texas State organizations (Beta Beta Beta, Chi Beta Delta, Gamma Theta Upsilon, HEAT, Net Impact, and Sigma Alpha Epsilon). | 65 | 13.75 bags of trash | Litter pickup |
| | | | 145 | 5.5 bags of recycling | |

Table 2
 Summary of Public Participation Events
Year 5
 Fiscal Year 2018 (September 1, 2017 - August 31, 2018)
 Phase II MS4 Annual Report
 Texas State University | San Marcos, Texas

| Name of Event | Date | Description of Event | Number of Participants | Quantity (Bags of trash, curb inlet markers, etc.) | Method Used for Stormwater Awareness |
|-----------------------------------|----------------------|---|------------------------|---|---|
| | | | Volunteer Hours | | |
| Annual Great Texas River Clean Up | 3/3/2018 | Annual cleanup of litter from creeks, drainage channels and river | 1000 | 31,377 pounds of trash | 80+ leaders were trained in stormwater awareness and provided this training to their crews prior to and during the cleanup. |
| | | | 3000 | 10,480 pounds of recyclables, 31 passenger tires and 7 truck tires. | |
| Adopt-a-Spot | 4/1/2018 - 4/30/2018 | Litter and debris removal by Texas State organizations (Beta Beta Beta, HEAT, Net Impact, and Sigma Alpha Epsilon). | 37 | 8.25 bags of trash | Litter pickup |
| | | | 108.5 | 4.5 bags of recycling | |
| Bobcat Build | 4/7/2018 | Curb inlet marker installation and litter pickup on campus to spread the message that storm drains lead to waterways. | 10 | Installed 40 curb inlet markers | Stormwater awareness training prior to installation and during litter pickup |
| | | | 20 | 2 bags of trash & 1 bag of recycling | |
| Adopt-a-Spot | 8/1/2018 - 8/31/2018 | Litter and debris removal by one Texas State organization (Sigma Alpha Epsilon). | 41 | 5 bags of trash | Litter pickup |
| | | | 41 | 5 bags of recycling | |

Table 2
 Summary of Public Participation Events
Year 5
 Fiscal Year 2018 (September 1, 2017 - August 31, 2018)
 Phase II MS4 Annual Report
 Texas State University | San Marcos, Texas

| Name of Event | Date | Description of Event | Number of Participants | Quantity (Bags of trash, curb inlet markers, etc.) | Method Used for Stormwater Awareness |
|-----------------------------------|----------------------|---|------------------------|---|--------------------------------------|
| | | | Volunteer Hours | | |
| | | | | | |
| Hot Spot Cleanups | 9/1/2017 - 8/31/2018 | Ten Hot Spot Cleanups were organized throughout Year 5 in which citizens and Texas State student organizations volunteered to help beautify San Marcos. | 161 | 111 bags of trash | Anti-litter message provided |
| | | | 278 | 79 bags of recycles | |
| Total Number of Volunteers | | | | | 1966 |
| Total Volunteer Hours | | | | | 4680 |

Table 3
 Summary of Staff and Contractor Training
Year 5
 Fiscal Year 2018 (September 1, 2017 - August 31, 2018)
 Phase II MS4 Annual Report
 Texas State University | San Marcos, Texas

| Month | Training Type | | | | | | | |
|---------------|---------------|------------|--------------|------------|------------|---------------------------|---------------------------------|--|
| | IDDE | GH/PP (a) | Food Service | SPCC (b) | NEOII | SWPPP Contractor Training | Construction Personnel Training | Environmental Compliance and Reporting |
| Sept 2017 (c) | 5 | - | 25 | 4 | - | 125 | - | - |
| Oct-17 | 5 | - | - | 7 | - | 82 | - | - |
| Nov-17 | 10 | - | - | 8 | - | 160 | - | - |
| Dec-17 | 13 | - | - | 7 | - | 117 | - | - |
| Jan-18 | 19 | - | 23 | 19 | - | 155 | - | - |
| Feb-18 | 23 | - | 6 | 11 | - | 132 | - | - |
| Mar-18 | 28 | - | 10 | 26 | - | 114 | - | - |
| Apr-18 | 26 | 13 | - | 14 | - | 101 | - | - |
| May-18 | 26 | 96 | - | 25 | - | 71 | - | 66 |
| Jun-18 | 21 | 94 | - | 20 | - | 87 | - | - |
| Jul-18 | 17 | 25 | 145 | 12 | - | 51 | - | - |
| Aug 2018 (d) | 33 | 19 | 39 | 26 | 793 | 17 | 21 | - |
| TOTAL | 226 | 247 | 248 | 179 | 793 | 1212 | 21 | 66 |

Notes:

- (a) GH/PP = Good Housekeeping/Pollution Prevention
- (b) SPCC = Spill Prevention Control and Countermeasures
- (c) beginning of the Texas State University fiscal year
- (d) ending of the Texas State University fiscal year

Table 4
Summary of Hazardous Waste and Recycle Volumes
Permit Year 5
Fiscal Year 2018 (September 1, 2017 - August 31, 2018)
Phase II MS4 Annual Report
Texas State University | San Marcos, Texas

| Month | Batteries | | | Hazardous Waste (d) (tons) | Fluorescent Bulbs (pounds) | Used Oil (gal) | Recyclable Materials | | | Grease Trap Pumping (gallons) |
|-----------------|-----------|-----------|--------------|---------------------------------|-------------------------------|-------------------|----------------------|-----------|--------|----------------------------------|
| | Alkaline | Lead Acid | Rechargeable | | | | Mixed Stream (a) | Cardboard | Paper | |
| | (pounds) | (pounds) | (pounds) | | | | (tons) | (tons) | (tons) | |
| 9/1/2017 (b) | 0 | 689 | 62 | 48 Weekly Pickups (See note) | 0 | 300 | 53.19 | 151.08 | 184.24 | 50 |
| Oct-17 | 350 | 0 | 0 | | 0 | 0 | | | | 4500 |
| Nov-17 | 350 | 0 | 33 | | 0 | 0 | | | | 0 |
| Dec-17 | 0 | 0 | 0 | | 0 | 0 | | | | 0 |
| Jan-18 | 275 | 0 | 56 | | 0 | 0 | | | | 4500 |
| Feb-18 | 350 | 0 | 0 | | 0 | 0 | | | | 0 |
| Mar-18 | 350 | 0 | 142 | | 2540 | 0 | | | | 0 |
| Apr-18 | 350 | 0 | 0 | | 400 | 0 | | | | 0 |
| May-18 | 300 | 786 | 61 | | 0 | 0 | | | | 4500 |
| Jun-18 | 0 | 0 | 0 | | 0 | 0 | | | | 0 |
| Jul-18 | 0 | 0 | 0 | | 0 | 0 | | | | 4500 |
| 8/31/2018 (c) | 0 | 0 | 78 | | 0 | 0 | | | | 1000 |
| Year End Totals | 2325 | 1475 | 432 | 28.83 | 2940 | 300 | 53.19 | 151.08 | 184.24 | 19050 |

Notes:

- (a) mixed stream is a combined weight of plastic, glass and aluminum
 - (b) beginning of the Texas State University fiscal year
 - (c) ending of the Texas State University fiscal year
 - (d) data for the hazardous waste generation was taken from the Excel summary table to support the Annual Report
- Data for hazardous waste from Sept 2017 to August 2018 taken from the manifest table for the annual report.
Total for hazardous waste Year 5 was 27.55 tons

Table 5
Plan Review Summary
Year 5
Fiscal Year 2018 (September 1, 2017 - August 31, 2018)
Phase II MS4 Annual Report
Texas State University | San Marcos, Texas

| Project Name | Phase | Project Manager | Origination Date | Due Date | Reviewer | Review Date | Comments |
|--|----------------|------------------|------------------|------------|----------|-------------|--|
| Blanco Renovations | 100% DD | Patsy Holtman | 10/12/2017 | 10/19/2017 | Lindsay | n/a | No review needed - No soil disturbance |
| Blanco Renovations | 90% CD C-Wing | Patsy Holtman | 11/2/2017 | 11/10/2017 | Lindsay | n/a | No review needed - No soil disturbance |
| Avery Library Expansion | 100% | Missy Mears | 11/13/2017 | 11/17/2017 | Lindsay | n/a | No review needed - No soil disturbance |
| Avery UPD & Parking Services Project | 100% | Missy Mears | 11/13/2017 | 11/17/2017 | Lindsay | n/a | No review needed - No soil disturbance |
| Avery Instructional Technologies Project | 100% | Missy Mears | 11/13/2017 | 11/17/2017 | Lindsay | n/a | No review needed - No soil disturbance |
| Avery Testing Center Project | 100% | Missy Mears | 11/13/2017 | 11/17/2017 | Lindsay | n/a | No review needed - No soil disturbance |
| Blanco Renovations | 100% CD C-Wing | Patsy Holtman | 11/28/2017 | 12/8/2017 | Lindsay | n/a | No review needed - No soil disturbance |
| Meadows Center Spring Lake Loading Dock | 100% | Mark Liggett | 12/12/2017 | 12/27/2017 | Lindsay | n/a | No review needed - No soil disturbance |
| Alkek Library Learning Commons | 100% SD | Frederick Maddox | 3/26/2018 | 4/12/2018 | Lindsay | n/a | No review needed - No soil disturbance |

Table 5
Plan Review Summary
Year 5
Fiscal Year 2018 (September 1, 2017 - August 31, 2018)
Phase II MS4 Annual Report
Texas State University | San Marcos, Texas

| Project Name | Phase | Project Manager | Origination Date | Due Date | Reviewer | Review Date | Comments |
|--|---------|------------------|------------------|-----------|----------|-------------|--|
| Trinity CAS Room 130 Storage Renovation | 100% | John Rudolph | 4/9/2018 | 4/18/2018 | Lindsay | n/a | No review needed - No soil disturbance |
| Jones Dining Hall Serving Line | 100% | John Rudolph | 5/3/2018 | 5/11/2018 | Lindsay | n/a | No review needed - No soil disturbance |
| Alkek Library Learning Commons | 100% DD | Frederick Maddox | 5/23/2018 | 6/6/2018 | Lindsay | 6/5/2018 | n/a |
| LBJSC Chick-fil-A Renovation | 75% MEP | Tim Haley | 6/12/2018 | 6/20/2018 | Lindsay | n/a | No review needed - No soil disturbance |
| Bobcat Stadium Score Board | 100% | Mark Liggett | 7/17/2018 | 7/31/2018 | Lindsay | 7/24/2018 | n/a |
| RF Mitte 1236 & 1246 Gas Cabinet Exhaust | 100% | Missy Mears | 8/22/2018 | 8/29/2018 | Lindsay | n/a | No review needed - No soil disturbance |

Percentage Completion: 100%

Table 6
 Summary of SWPPP Inspections
Year 5
 Fiscal Year 2018 (September 1, 2017 - August 31, 2018)
 Phase II MS4 Annual Report
 Texas State University | San Marcos, Texas

| Month | Site | Initial Insp and Sign Off? | Routine SWPPP (a) Inspections | Noncompliance Issues | Date Resolved? | Final SWPPP Inspection |
|----------------|--------------------------------|----------------------------|-------------------------------|----------------------|----------------|------------------------|
| | | Y/N | | Y/N | | |
| Sept-17 (b) | Engineering & Science Building | | 4 | N/A | | |
| | RR Health Professions | | 3 | N/A | | |
| | University Event Center | | 4 | N/A | | |
| | | | | | | |
| Oct-17 | Engineering & Science Building | | 4 | N/A | | |
| | RR Health Professions | | 4 | N/A | | |
| | University Event Center | | 4 | N/A | | |
| | | | | | | |
| Nov-17 | Engineering & Science Building | | 4 | N/A | | |
| | RR Health Professions | | 3 | N/A | | |
| | University Event Center | | 4 | N/A | | |
| | | | | | | |
| Dec-17 | Engineering & Science Building | | 3 | N/A | | |
| | RR Health Professions | | 2 | N/A | | |
| | University Event Center | | 2 | N/A | | |
| | | | | | | |
| Jan-18 | Engineering & Science Building | | 3 | N/A | | |
| | RR Health Professions | | 2 | N/A | | |
| | University Event Center | | 4 | N/A | | |
| | | | | | | |

Table 6
 Summary of SWPPP Inspections
Year 5
 Fiscal Year 2018 (September 1, 2017 - August 31, 2018)
 Phase II MS4 Annual Report
 Texas State University | San Marcos, Texas

| Month | Site | Initial Insp and Sign Off? | Routine SWPPP (a) Inspections | Noncompliance Issues | Date Resolved? | Final SWPPP Inspection |
|--------|--------------------------------|----------------------------|-------------------------------|----------------------|----------------|------------------------|
| | | Y/N | | Y/N | | |
| Feb-18 | Engineering & Science Building | | 4 | N/A | | |
| | RR Health Professions | | 2 | N/A | | |
| | University Event Center | | 3 | N/A | | |
| | | | | | | |
| Mar-18 | Engineering & Science Building | | 3 | N/A | | |
| | RR Health Professions | | 2 | N/A | | |
| | University Event Center | | 3 | N/A | | |
| | | | | | | |
| Apr-18 | Engineering & Science Building | | 5 | N/A | | |
| | RR Health Professions | | 1 | N/A | | |
| | University Event Center | | 4 | Y | 5/8/2018 | |
| | | | | | | |
| May-18 | Engineering & Science Building | | 5 | N/A | | |
| | RR Health Professions | | 1 | N/A | | Y |
| | University Event Center | | 5 | N/A | | |
| | | | | | | |
| Jun-18 | Engineering & Science Building | | 4 | N/A | | |
| | University Event Center | | 4 | N/A | | |
| | | | | | | |

Table 6
 Summary of SWPPP Inspections
Year 5
 Fiscal Year 2018 (September 1, 2017 - August 31, 2018)
 Phase II MS4 Annual Report
 Texas State University | San Marcos, Texas

| Month | Site | Initial Insp and Sign Off? | Routine SWPPP (a) Inspections | Noncompliance Issues | Date Resolved? | Final SWPPP Inspection |
|--------------|--------------------------------|----------------------------|-------------------------------|----------------------|----------------|------------------------|
| | | Y/N | | Y/N | | |
| Jul-18 | Engineering & Science Building | | 4 | N/A | | |
| | University Event Center | | 4 | N/A | | |
| | | | | | | |
| Aug-18 | Engineering & Science Building | | 5 | N/A | | |
| | University Event Center | | 5 | N/A | | |
| | | | | | | |
| Total | | | 109 | | | 1 |

Notes:

- (a) Stormwater Pollution Prevention Plan Inspection per the Construction General Permit TXR150000
- (b) beginning of the Texas State University fiscal year
- (c) ending of the Texas State University fiscal year

Table 7
 Summary of Continuing Education Hours
Year 5
 Fiscal Year 2018 (September 1, 2017 - August 31, 2018)
 Phase II MS4 Annual Report
 Texas State University | San Marcos, Texas

| Month | Event | Number of Attendees | Hours/each | Total Hours |
|--------------------------|--|---------------------|------------|-------------|
| 9/18/2017 - 9/21/2017 | EPA Region 6 Conference | 3 | 32 | 96 |
| 1/18/2018 | Inaugural Texas Regional Stormwater Conference (Morning Session) | 16 | 3 | 48 |
| 1/18/2018 | Inaugural Texas Regional Stormwater Conference (Afternoon Session) | 8 | 3 | 24 |
| 2/28/2018 | Pesticide Applicator Recertification | 1 | 5 | 5 |
| 8/8/2018 | Construction Stormwater Permitting Training (Face-to-Face) | 13 | 1 | 13 |
| 8/31/2018 | Construction Stormwater Permitting Training (Online) | 8 | 1 | 8 |
| | | | | |
| Total | | 49 | | 194 |

Table 8
 Post-Construction BMP Maintenance Activities
Year 5
 Fiscal Year 2018 (September 1, 2017 - August 31, 2018)
 Phase II MS4 Annual Report
 Texas State University | San Marcos, Texas

| Month | Unit Name | Unit Number | Material Removed (pounds) | Contractor/Department |
|--|-----------------------------------|-------------|---------------------------|-----------------------|
| Quarter 1 (September 1, 2017 - November 30, 2017) | | | | |
| 9/12/2017 | Detention Pond | DP-2-02 | 279.22 | Utilities Operations |
| 9/12/2017 | Concrete Channel - Meadows Center | n/a | 1116.90 | Utilities Operations |
| 9/12/2017 | Water Quality Structure | WQS-4-01 | 837.67 | Utilities Operations |
| 9/13/2017 | Concrete Channel | CC-1-01 | 558.60 | Utilities Operations |
| 9/13/2017 | Detention Pond | DP-1-02 | 837.67 | Utilities Operations |
| 9/14/2017 | Water Quality Structure | WQS-1-01 | 1026.00 | Utilities Operations |
| 9/25/2017 | Concrete Channel | CC-4-01 | 558.45 | Utilities Operations |
| 9/25/2017 | Concrete Channel | CC-1-01 | 279.224 | Utilities Operations |
| 9/26/2017 | Matthews Street Drainage | n/a | 837.52 | Utilities Operations |
| 9/26/2017 | Water Quality Structure | WQS-4-01 | 558.45 | Utilities Operations |
| 9/26/2017 | Concrete Channel | CC-1-01 | 253.84 | Utilities Operations |
| 9/29/2017 | Detention Pond | DP-1-02 | 4467.28 | Utilities Operations |
| 10/5/2017 | Concrete Channel - Meadows Center | n/a | 558.45 | Utilities Operations |
| 10/10/2017 | Detention Pond | DP-2-02 | 558.448 | Utilities Operations |
| 10/11/2017 | Water Quality Structure | WQS-4-01 | 1396.12 | Utilities Operations |
| 10/17/2017 | Concrete Channel - Meadows Center | n/a | 2792.24 | Utilities Operations |
| 10/17/2017 | Water Quality Structure | WQS-4-01 | 152.304 | Utilities Operations |
| 10/19/2017 | Detention Pond | DP-1-03 | 558.448 | Utilities Operations |
| 10/19/2017 | Concrete Channel | CC-4-01 | 837.672 | Utilities Operations |
| 10/26/2017 | Concrete Channel - Meadows Center | n/a | 627 | Utilities Operations |
| 11/3/2017 | Concrete Channel | CC-4-01 | 2233.64 | Utilities Operations |
| 11/3/2017 | Concrete Channel - Meadows Center | n/a | 1675.04 | Utilities Operations |
| 11/9/2017 | Concrete Channel | CC-4-01 | 1117.2 | Utilities Operations |
| 11/9/2017 | Concrete Channel | CC-1-01 | 278.92 | Utilities Operations |
| 11/21/2017 | Concrete Channel | CC-4-01 | 1396.12 | Utilities Operations |
| 11/21/2017 | Concrete Channel - Meadows Center | n/a | 1954.72 | Utilities Operations |
| 11/21/2017 | Water Quality Structure | WQS-4-01 | 557.84 | Utilities Operations |
| Quarter 2 (December 1, 2017 - February 28, 2018) | | | | |
| 12/5/2017 | Water Quality Structure | WQS-1-01 | 355.376 | Utilities Operations |
| 12/5/2017 | Water Quality Structure | WQS-4-01 | 152.304 | Utilities Operations |
| 12/11/2017 | Concrete Channel - Meadows Center | n/a | 1675.344 | Utilities Operations |
| 12/11/2017 | Concrete Channel | CC-4-01 | 1675.344 | Utilities Operations |

Table 8
 Post-Construction BMP Maintenance Activities
Year 5
 Fiscal Year 2018 (September 1, 2017 - August 31, 2018)
 Phase II MS4 Annual Report
 Texas State University | San Marcos, Texas

| Month | Unit Name | Unit Number | Material Removed (pounds) | Contractor/Department |
|---|-----------------------------------|-------------|---------------------------|-------------------------------------|
| 12/15/2017 | Concrete Channel | CC-4-01 | 837.672 | Utilities Operations |
| 1/4/2018 | Concrete Channel | CC-4-01 | 1535.732 | Utilities Operations |
| 1/4/2018 | Water Quality Structure | WQS-4-01 | 152.304 | Utilities Operations |
| 1/8/2018 | Detention Pond | DP-2-02 | 418.836 | Utilities Operations |
| 1/8/2018 | Concrete Channel - Meadows Center | n/a | 1116.896 | Utilities Operations |
| 1/10/2018 | Detention Pond | DP-1-02 | 2792.24 | Utilities Operations |
| 1/12/2018 | Detention Pond | DP-1-01 | 1396.12 | Utilities Operations |
| 1/12/2018 | Water Quality Structure | WQS-4-01 | 557.84 | Utilities Operations |
| 1/19/2018 | Concrete Channel | CC-1-01 | 837.672 | Utilities Operations |
| 1/25/2018 | Water Quality Structure | WQS-1-01 | 1116.896 | Utilities Operations |
| 1/25/2018 | Concrete Channel - Meadows Center | n/a | 558.448 | Utilities Operations |
| 1/30/2018 | Water Quality Structure | WQS-4-01 | 279.224 | Utilities Operations |
| 1/30/2018 | Concrete Channel - Meadows Center | n/a | 1116.896 | Utilities Operations |
| 2/4/2018 | Concrete Channel - Meadows Center | n/a | 836.152 | Utilities Operations |
| 2/19/2018 | Concrete Channel | CC-1-01 | 568.48 | Utilities Operations |
| 2/19/2018 | Concrete Channel - Meadows Center | n/a | 418.836 | Utilities Operations |
| 2/20/2018 | Concrete Channel | CC-4-01 | 1629.44 | Utilities Operations |
| Quarter 3 (March 1, 2018 - May 31, 2018) | | | | |
| 3/7/2018 | Oil Water Separator Garage | OW-3-01 | 21960.5 | Facilities Management/ Safety Kleen |
| 3/8/2018 | Concrete Channel | CC-4-01 | 558.6 | Utilities Operations |
| 3/9/2018 | Concrete Channel - Meadows Center | n/a | 520.372 | Utilities Operations |
| 3/9/2018 | Water Quality Structure | WQS-4-01 | 228.456 | Utilities Operations |
| 3/27/2018 | Concrete Channel - Meadows Center | n/a | 507.68 | Utilities Operations |
| 3/27/2018 | Concrete Channel | CC-4-01 | 800.584 | Utilities Operations |
| 4/11/2018 | Concrete Channel - Meadows Center | n/a | 837.672 | Utilities Operations |
| 4/11/2018 | Concrete Channel | CC-4-01 | 474.62 | Utilities Operations |
| 4/13/2018 | Concrete Channel | CC-1-01 | 268.28 | Utilities Operations |
| 4/13/2018 | Water Quality Structure | WQS-4-01 | 262.2 | Utilities Operations |
| 4/16/2018 | Detention Pond | DP-1-02 | 2005.64 | Utilities Operations |
| 4/19/2018 | Concrete Channel | CC-1-01 | 1026 | Utilities Operations |
| 4/26/2018 | Concrete Channel - Meadows Center | n/a | 761.52 | Utilities Operations |
| 4/26/2018 | Concrete Channel | CC-4-01 | 558.448 | Utilities Operations |
| 5/2/2018 | Detention Pond | DP-1-01 | 279.224 | Utilities Operations |

Table 8
 Post-Construction BMP Maintenance Activities
Year 5
 Fiscal Year 2018 (September 1, 2017 - August 31, 2018)
 Phase II MS4 Annual Report
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| Month | Unit Name | Unit Number | Material Removed (pounds) | Contractor/Department |
|---|-----------------------------------|-------------|---------------------------|--|
| 5/3/2018 | Concrete Channel - Meadows Center | n/a | 558.448 | Utilities Operations |
| 5/15/2018 | Water Quality Structure | WQS-4-01 | 558.448 | Utilities Operations |
| 5/15/2018 | Concrete Channel | CC-4-01 | 837.672 | Utilities Operations |
| 5/15/2018 | Concrete Channel - Meadows Center | n/a | 279.224 | Utilities Operations |
| 5/15/2018 | Concrete Channel | CC-1-01 | 710.752 | Utilities Operations |
| 5/24/2018 | Detention Pond | DP-2-02 | 50.768 | Utilities Operations |
| 5/22/2018 - 5/25/2018 | StormTrooper Cleanout | ST-1-01 | 196225 | Utilities Operations/ Gruene Environmental |
| Quarter 4 (June 1, 2018 - August 31, 2018) | | | | |
| 6/5/2018 | Concrete Channel | CC-4-01 | 837.67 | Utilities Operations |
| 6/5/2018 | Concrete Channel - Meadows Center | n/a | 418.84 | Utilities Operations |
| 6/5/2018 | Water Quality Structure | WQS-4-01 | 228.46 | Utilities Operations |
| 6/26/2018 | Concrete Channel - Meadows Center | n/a | 418.84 | Utilities Operations |
| 7/6/2018 | Detention Pond | DP-1-02 | 228.76 | Utilities Operations |
| 7/16/2018 | Water Quality Structure | WQS-4-01 | 362.98 | Utilities Operations |
| 7/16/2018 | Concrete Channel | CC-1-01 | 513.00 | Utilities Operations |
| 7/16/2018 | Detention Pond | DP-1-02 | 251.56 | Utilities Operations |
| 7/24/2018 | Concrete Channel - Meadows Center | n/a | 223.44 | Utilities Operations |
| 8/7/2018 | Concrete Channel - Meadows Center | n/a | 558 | Utilities Operations |
| 8/14/2018 | Contech Unit | CT-3-01 | 29225 | Utilities Operations/ Gruene Environmental |
| 8/14/2018 | Contech Unit | CT-3-02 | 29225 | Utilities Operations/ Gruene Environmental |
| 8/17/2018 | Water Quality Structure | WQS-4-01 | 228.76 | Utilities Operations |
| 8/29/2018 | Concrete Channel | CC-4-01 | 786.904 | Utilities Operations |
| End of FY2018 - MS4 Permit Year 5 | | | | |
| Total | | | 342,110 | |

- (a) conversion for cy of water to pounds 1 cy x 1685 pounds/cy = pounds
- (b) conversion for CY of sludge to pounds 1 cy x 1215 pounds/cy = pounds
- (c) conversion for cu ft of soil to pounds is ~76 pounds/cu ft
- (d) conversion for gallons to pounds is 1 gallon x 8.35 = pounds

Table 9
 Summary of IDDE Responses
 Year 5
 Fiscal Year 2018 (September 1, 2017 - August 31, 2018)
 Phase II MS4 Annual Report
 Texas State University | San Marcos, Texas

| Date | Description of Release | How was it reported? | Actions Taken | Samples Collected? | Reportable Quantity? (Y/N) | Date Resolved |
|------------|------------------------------|----------------------|--|--------------------|----------------------------|---------------|
| 9/5/2017 | Acid Spill | Phone Call | EHSRM Spill Response Team responded to acid spill at LBJSC bus loop area. Sodium Bicarbonate was used to neutralize the acid. Spill pads were used to mop up remaining acid, which was disposed of in waste bucket containers. Acid spill was near a storm drain, but material was not released into the MS4. | N | N | 9/5/2017 |
| 9/7/2017 | Ethylene glycol (Antifreeze) | Witness | EHSRM Spill Response Team responded to an antifreeze spill at the intersection at Comanche and Woods Street near the RF Mitte Loading Dock. Team members used booms to prevent the chemical from entering the nearby storm drain. Dry granular absorbent material was applied to the liquid, then micro-blaze was used to break down the remaining chemical. Clean-up materials were disposed of in waste bucket containers. Material was not released into the MS4. | N | N | 3/2/2018 |
| 10/10/2017 | Compost tea | Witness | EHSRM Spill Response Team responded to an illicit discharge of compost tea (a mixture of compost, rainwater, sea weed, and molasses) into a storm drain at the corner of North Street and Lindsey Street. After investigation, it was determined that employees at the Agriculture Greenhouse were disposing of excess compost tea into the storm drain. The greenhouse staff were instructed that disposal of materials into a storm drain is prohibited. As a result, greenhouse staff requested guidance for proper disposal and protocol change. EHSRM provided suggestions for possible solutions and greenhouse staff agreed to work on updating procedures. | N | N | 12/14/2017 |

Table 9
 Summary of IDDE Responses
 Year 5
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| Date | Description of Release | How was it reported? | Actions Taken | Samples Collected? | Reportable Quantity? (Y/N) | Date Resolved |
|-----------|--|----------------------|--|--------------------|----------------------------|---------------|
| 12/1/2017 | Unknown material with the consistency/ look of oil | Phone Call | EHSRM Spill Response Team responded to a spill of unknown oil-like material in front of entrance 3 to Strahan Coliseum. Micro-blaze was applied to the oil-like material to break down the remaining hydrocarbons. Spill pads were used to mop up remaining liquid, then disposed of in waste containers. Material was not released into the MS4. | N | N | 12/1/2017 |
| 1/25/2018 | Concrete Washout | Email | Texas State MS4 staff were notified of illegal dumping activities in Sessom Creek by Pleasant Street on campus. After investigation, it was determined that CenterPoint Energy was the responsible party. CenterPoint cleaned up the washout by COB. No response was needed from Texas State staff for cleanup. | N | N | 1/25/2018 |
| 1/25/2018 | Groundwater | Witness | Texas State MS4 staff witnessed a discharge of a high volume of water directly into a storm drain on Edward Gary Street. MS4 staff notified campus departments to track down the source of the discharge. After investigation, it was determined that the discharge resulted from a domestic water leak from a sump designed to remove groundwater. The issue was addressed and subsequently repaired. | N | N | 2/14/2018 |
| 3/2/2018 | Ethylene glycol (Antifreeze) | Witness | EHSRM Spill Response Team responded to an antifreeze spill in front of the Child Development Center. The antifreeze was mopped up using spill pads, then Micro-blaze was applied to break down the remaining chemical. Spill pads were used to mop up remaining liquid, which was disposed of in waste bucket containers. Material was not released into the MS4. | N | N | 3/2/2018 |

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|-----------|---------------------------------------|----------------------|--|--------------------|----------------------------|---------------|
| 3/8/2018 | Sludge from Compactor | Phone Call | EHSRM Spill Response Team responded to a discharge of dumpster sludge at Harris Dining Hall. The sludge entered the MS4, but was contained within the inlet nearby. Texas Disposal Services (TDS) dispatched a spill cleanup team to the incident. TDS employees vacuumed the sludge out of the inlet, then pressure washed and vacuumed the impacted area. | N | N | 3/8/2018 |
| 4/13/2018 | Hot rainwater | Email | Texas State MS4 staff were notified of an illegal dumping of hot rainwater onto the ground from a steam vault. The rainwater collected in the vault and contractors discharge the hot water onto the ground. MS4 staff provided education to staff, which was forwarded along to the contractors, on proper disposal of heated rain water. | N | N | 4/18/2018 |
| 4/14/2018 | Acid Spill from Cooling Tower Release | In-Person Report | On April 26, EHSRM received a delayed notification of an unauthorized discharge of cooling tower water (pH between 2-3) to the sanitary sewer which occurred on April 14. The discharge was caused by a system malfunction, but upon further investigation, the discharge is believed to have overflowed from sanitary onto the ground below the cooling tower. It is believed that between 800-2400 gallons of low-pH water was discharged into the University's MS4. It is unknown if the water entered the San Marcos River. Due to the delay in reporting time, EHSRM did not have ample time or information to take field samples or measurements during the event. However, after visual inspection of the area, no downstream impacts were noted as a result of the discharge. Reports were made to the regulating agencies (City of San Marcos Wastewater Treatment Facility and TCEQ for stormwater discharge). After the notifications were made, EHSRM provided training to the departments involved on proper reporting protocols. | N | Y | 5/8/2018 |

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|-----------|------------------------|----------------------|---|--------------------|----------------------------|---------------|
| 4/16/2018 | Diesel Spill | Phone Call | EHSRM Spill Response Team responded to a spill of diesel fuel onto the ground at Nueces Building. Dry granular absorbent was used to absorb the liquid, then Micro-blaze was applied to break down the remaining hydrocarbons. Spill pads were used to mop up remaining liquid, then disposed of in waste containers. Material was not released into the MS4. | N | N | 4/16/2018 |
| 7/12/2018 | Compressor Oil | Phone Call | EHSRM Spill Response Team responded to a spill of compressor oil at the Bobcat Stadium End Zone Complex. Absorbent pads were used initially to absorb the oil. The spill was isolated in a small area and did not impact the nearby storm drain. Micro-blaze was applied to break down hydrocarbons. Spill pads were used to mop up remaining liquid, then disposed of in waste containers. Material was not released into the MS4. | N | N | 7/13/2018 |
| 7/27/2018 | Hydraulic Fluid spill | Phone Call | EHSRM Spill Response Team responded to a spill of hydraulic fluid outside of Nueces Building/Copy Cats. After further investigation, it was determined that the hydraulic fluid leak started when the driver left Copy Cats, drove to Strahan Coliseum and turned around, then the cart drove back to Copy Cats. The slow leak spanned approximately 1.6 miles round trip across campus. Dry granular absorbent was used on the larger leak spots, then Micro-blaze was applied to break down the remaining hydrocarbons. Micro-blaze was also used to neutralize hydrocarbons in the smaller spots. Spill pads were used to mop up remaining liquid, then disposed of in waste containers. Material was not released into the MS4. | N | N | 7/27/2018 |
| 7/30/2018 | Plaster rinse water | Witness | EHSRM Spill Response Team responded to an illicit discharge of plaster rinse water to a storm drain at RF Mitte loading dock area. An unknown person allegedly dumped grout/plaster rinse water onto the ground outside of JC Mitte. As a result, a small amount of liquid was discharged into a nearby storm drain. The material had a high pH and was more than likely the result of a student project. The issue was brought to the attention of staff in nearby buildings. They were notified that this type of discharge is prohibited and that this rinse water should be disposed of as a waste. | N | N | 7/30/2018 |

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| 8/3/2018 | Floor wax | Phone Call | EHSRM Spill Response Team responded to a spill of unknown material in the parking area outside of College Inn. After investigation, it was determined that the material was more than likely floor wax that had been spilled or sloshed onto the ground during transport. The material was pH tested, resulting in a neutral pH (7). Absorbent pads were used to clean up the small spill, then all materials were disposed of in a nearby dumpster because the spilled material was not hazardous and did not require hazardous waste disposal. Material was not released into the MS4. | N | N | 8/3/2018 |
| 8/17/2018 | Oil spill | Witness | EHSRM Spill Response Team responded to a spill of oil in the parking area outside of Elliott Hall. Dry granular absorbent was used to absorb the oil, then materials were disposed of in waste containers. Material was not released into the MS4. | N | N | 8/17/2018 |
| TOTAL REPORTS: 16 | | | | | | |
| TOTAL RESOLVED: 16 | | | | | | |